

# AMERICAN NURSEYMAN

*The Nurseryman's Forte: To Make America More Beautiful and Fruitful*

SEPTEMBER 1, 1944



*Juniperus Sabina Tamariscifolia*

**SEEDS** TREE — SHRUB — PERENNIAL  
FLOWER — VEGETABLE

Correspondence with seed collectors and growers invited.

**HERBST BROTHERS**  
92 Warren St., New York 7, N. Y.  
Free catalog "Seeds for Nurserymen."

# EVERGREENS

Prices are for Evergreens securely balled and burlapped.

Our Evergreens have been three times transplanted and have been grown with plenty of room for development. They have been frequently sheared and pruned for producing compact, well finished specimens suitable for critical landscape trade.

Place orders now for early Fall shipment. Our shipping season will start in early September. For fall shipment orders, we have labor available to give carload orders special attention. Cash in on a Fall Evergreen program.

## PROSTRATE TYPES

Juniper Chinensis Pfitzeriana		Per 100
4 to 5 ft.	.....	\$425.00
3½ to 4 ft.	.....	350.00
3 to 3½ ft.	.....	300.00
2½ to 3 ft.	.....	250.00
2 to 2½ ft.	.....	200.00
18 to 24 ins.	.....	160.00
Juniper Communis Depressa Plumosa Andorra		
3 to 3½ ft.	.....	250.00
2½ to 3 ft.	.....	225.00
2 to 2½ ft.	.....	185.00
18 to 24 ins.	.....	150.00
Juniper Sabina		
3 to 3½ ft.	.....	260.00
2½ to 3 ft.	.....	225.00
2 to 2½ ft.	.....	185.00
18 to 24 ins.	.....	150.00
Taxus Cuspidata		
2 to 2½ ft.	.....	400.00
18 to 24 ins.	.....	300.00
15 to 18 ins.	.....	250.00

## GLOBE TYPES

Juniper Communis Ashfordi		
24 × 24 ins.	.....	200.00
18 × 18 ins.	.....	160.00
15 × 15 ins.	.....	125.00
Juniper Scopulorum, Sheared Globe		
24 × 24 ins.	.....	250.00
18 × 18 ins.	.....	200.00
15 × 15 ins.	.....	165.00
12 × 12 ins.	.....	135.00
Juniper Virginiana, Sheared Globe		
24 × 24 ins.	.....	200.00
18 × 18 ins.	.....	165.00
15 × 15 ins.	.....	135.00
12 × 12 ins.	.....	110.00
Pinus Mughus		
30 × 30 ins.	.....	300.00
24 × 24 ins.	.....	235.00
18 × 18 ins.	.....	190.00
15 × 15 ins.	.....	165.00
12 × 12 ins.	.....	125.00

## UPRIGHT TYPES

Juniper Communis Hibernica (Irish)		Per 100
5 to 6 ft.	.....	\$300.00
4 to 5 ft.	.....	200.00
3 to 4 ft.	.....	150.00
2 to 3 ft.	.....	100.00
Juniper Scopulorum (Colorado Type)		
6 to 8 ft.	.....	550.00
5 to 6 ft.	.....	435.00
4 to 5 ft.	.....	300.00
3½ to 4 ft.	.....	260.00
3 to 3½ ft.	.....	225.00
2½ to 3 ft.	.....	190.00
Juniper Scopulorum Chandler Silver (grafted)		
4 to 5 ft.	.....	400.00
3½ to 4 ft.	.....	350.00
3 to 3½ ft.	.....	300.00
2½ to 3 ft.	.....	275.00
Juniper Scopulorum Moffeti (grafted)		
4 to 5 ft.	.....	425.00
3½ to 4 ft.	.....	375.00
3 to 3½ ft.	.....	300.00
2½ to 3 ft.	.....	250.00
Juniper Scopulorum Pathfinder (grafted)		
5 to 6 ft.	.....	500.00
4 to 5 ft.	.....	400.00
3½ to 4 ft.	.....	350.00
3 to 3½ ft.	.....	300.00
2½ to 3 ft.	.....	250.00
Juniper Scopulorum Silver Beauty (grafted)		
5 to 6 ft.	.....	525.00
4 to 5 ft.	.....	425.00
3½ to 4 ft.	.....	350.00
3 to 3½ ft.	.....	300.00
Juniper Scopulorum Welchi (grafted)		
5 to 6 ft.	.....	525.00
4 to 5 ft.	.....	425.00
3½ to 4 ft.	.....	350.00
3 to 3½ ft.	.....	300.00
2½ to 3 ft.	.....	250.00
Juniper Virginiana (sheared)		
6 to 8 ft.	.....	475.00
5 to 6 ft.	.....	350.00
4 to 5 ft.	.....	235.00
3½ to 4 ft.	.....	185.00
3 to 3½ ft.	.....	150.00
2 to 3 ft.	.....	125.00
Juniper Virginiana Burki (sheared)		
5 to 6 ft.	.....	500.00
4 to 5 ft.	.....	375.00
3½ to 4 ft.	.....	325.00
3 to 3½ ft.	.....	285.00
2½ to 3 ft.	.....	250.00

## UPRIGHT TYPES—Continued

Juniper V. Canaerti (sheared)		Per 100
4 to 5 ft.	.....	\$375.00
3½ to 4 ft.	.....	325.00
3 to 3½ ft.	.....	285.00
2½ to 3 ft.	.....	240.00
Juniper Virginiana Glauca (sheared)		
4 to 5 ft.	.....	400.00
3½ to 4 ft.	.....	325.00
3 to 3½ ft.	.....	275.00
2½ to 3 ft.	.....	225.00
Juniper V. Pyramidiformis (Dundee)		
5 to 6 ft.	.....	500.00
4 to 5 ft.	.....	400.00
3½ to 4 ft.	.....	350.00
3 to 3½ ft.	.....	250.00
2 to 3 ft.	.....	160.00
Pinus Nigra (Austrian)		
5 to 6 ft.	.....	500.00
4 to 5 ft.	.....	350.00
3 to 4 ft.	.....	250.00
2 to 3 ft.	.....	160.00
Pinus Ponderosa (Bull)		
4 to 5 ft.	.....	350.00
3 to 4 ft.	.....	250.00
2 to 3 ft.	.....	160.00
Pinus Strobus (White)		
4 to 5 ft.	.....	350.00
3 to 4 ft.	.....	250.00
2 to 3 ft.	.....	175.00
Pinus Sylvestris (Scotch)		
6 to 8 ft.	.....	500.00
5 to 6 ft.	.....	400.00
4 to 5 ft.	.....	250.00
3 to 4 ft.	.....	175.00
2 to 3 ft.	.....	135.00
Spruce Canadensis Alba (White)		
4 to 5 ft.	.....	300.00
3 to 4 ft.	.....	200.00
2 to 3 ft.	.....	135.00
18 to 24 ins.	.....	100.00
Spruce Can. Albertiana (Black Hill)		
5 to 6 ft.	.....	500.00
4 to 5 ft.	.....	350.00
3½ to 4 ft.	.....	275.00
3 to 3½ ft.	.....	235.00
2½ to 3 ft.	.....	185.00
2 to 2½ ft.	.....	140.00
18 to 24 ins.	.....	115.00
Spruce Excelsa (Norway)		
4 to 5 ft.	.....	300.00
3 to 4 ft.	.....	200.00
2 to 3 ft.	.....	135.00
18 to 24 ins.	.....	100.00
Spruce Pungens (Colorado Green)		
3½ to 4 ft.	.....	350.00
3 to 3½ ft.	.....	275.00
2½ to 3 ft.	.....	200.00
2 to 2½ ft.	.....	150.00
18 to 24 ins.	.....	125.00



"One of America's Foremost Nurseries"

**MOUNT ARBOR NURSERIES**  
**SHENANDOAH, IOWA**

E.S. Welch PRES.

# AMERICAN NURSERYMAN

[Registered U. S. Patent Office]

*The Nurseryman's Forte: To Make America More Beautiful and Fruitful*

VOL. LXXX, No. 5

SEPTEMBER 1, 1944

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# AMERICAN NURSERYMAN

F. R. KILNER, Editor

## Editorial

### PRICES AND COSTS.

Not so long ago it seemed wise to call attention to the increasing costs which made it necessary for nurserymen to obtain higher prices than in recent seasons. As remarked in the preceding issue, when some nurserymen found the public easily paid the higher prices which they themselves put up with some apprehension, they sought on the basis of a short supply to put the prices up farther. But it should be remembered that prices unduly high are just as unfair to the public as prices unduly low are unfair to the nurseryman. That some leading nurserymen already are taking this attitude is indicated by the comments just received from an executive of one of the larger nurseries. He writes:

"Personally, I am happy that you are endeavoring to flash the red light on the current tendency of the nursery industry to force prices too much above any level which could, by any stretch of the imagination, be justified by increased costs of production—in fact, to raise prices to such an artificially high level that they are not economically sound.

"It is true that production costs are higher and that the price level of many nursery items had been too low prior to 1942. It is also true that most of our materials and supplies are under price ceilings and, with wage stabilization and other legislation and governmental regulations, the wages in our industry have not generally increased so rapidly as the rising cost of living; certainly the increases in wages in our industry are, in no way, comparable to the increases in industrial wages.

"As you know, very few nurseries have any accurate information about what it costs to produce and/or process nursery stock. Too many unthinking nurserymen reason that if the costs of labor and supplies are up fifteen per cent, prices must be increased more than fifteen per cent. Labor and supplies are important cost factors, but they are not the only cost factors. In fact, I don't think that any wholesale grower of nursery stock could prove that labor and supplies constitute even fifty per cent of the cost of production.

"For example, we pack out a great many retail nursery orders. I have cost records, since 1937, which are

## The Mirror of the Trade

100 per cent complete and accurate—every little and big item is charged against that operation, from pins and pencils up to equipment and overhead. These cost records show that the cost of filling and packing retail orders increased from 18.9 cents per package in the spring of 1943 to 23.9 cents per package for the spring of 1944—5 cents per package. I have not made a study showing the exact increase in the selling price of the stock in an average package, but I would estimate that the selling price of the average package has increased more than \$1 in one year, and this increase is largely in selling price rather than in larger orders.

"In raising prices to such an unsound high level, some growers (particularly small fruit growers) are about to 'kill the goose that lays the golden eggs.' It is relatively easy to get into production on small fruits in one or two years. The prices of small fruits are being boosted to a high level which will force the larger operators to get into production and will encourage many small growers to pyramid their plantings. Obviously, this situation will rapidly create surpluses which will cause prices to nose-dive to unprofitably low levels by 1946 or 1947.

"I gathered the impression at the mail order nurserymen's meeting at Chicago that only a few of the wiser, deeper-thinking operators are concerned about the effect of higher prices. As to the others, their only justification for profiteering prices is their opinion that the consumer will pay it. No one seems to be concerned about the consumers' reaction if Germany surrenders and there are 10,000,000 people out of work next March or April, when this stock must be sold. No item is actually sold until it reaches the consumer, and if the consumer 'strikes' and refuses to pay exorbitant prices, the current acute shortages rapidly will become surpluses which must be burned. The current purchases by dealers for the spring of 1946 do not mean much, because many of these orders at high prices will surely be canceled (or never paid for) if the anticipated temporary setback happens to fall during our spring selling season in 1945."

DONALD T. HEFFLEY, formerly of Westminster, Md., has established the Highland Gardens, Berlin, Pa.

### STANDARD GRADES.

For many years the American Association of Nurserymen has standardized grades of nursery stock and published them in booklet form. They are accepted generally in transactions made at wholesale. They are even recognized and made a part of some state laws with respect to nursery stock. Some recognition of them is made in transactions with the public, but reference to any file of retail catalogs will reveal that mention of these grades is the exception rather than the rule.

Comparison of prices in retail catalogs is not possible when descriptions or designations of grades are made up by the individual nurserymen. In many instances the descriptions are so indefinite that the buyer has slight knowledge of the size or bulk of the plant that he is going to get until the express shipment arrives. This is particularly true of ornamentals, because the commercial orchardists long since have required precise indications as to age, height and caliper in the fruit trees offered.

One of the big mail-order houses conspicuously refers to the standards of the American Association of Nurserymen in describing its grades of rose plants. If that is found good business by the leading practitioners of mail-order methods, certainly nurserymen might well follow the lead.

To make the use of the A. A. N. grade standards more practicable, it is suggested that names be assigned to each of them, which would be recognized by the trade as representing certain specifications of stock and would give the public a term which it could recognize. That practice is followed in foods, where grading follows some such order as "select," "extra-select," "prime select" or a series of words such as "superior," "jumbo," "queen," "king" or the like. Such names are easier to handle than numbers and serve advertising purposes better. Perhaps the horticulture standards committee can take the suggestion into consideration when again acting on revisions.

WHEN horse-drawn implements are operated at speeds higher than they were designed to be run, as behind a tractor, oil holes may not furnish enough lubrication unless more frequent stops are made for oiling.



# Texas Association Meets at Houston

Woman's place in the nursery industry received recognition twice in the same person at the annual convention of the Texas Association of Nurserymen, held at the Rice hotel, Houston, August 23 and 24. The annual Arp Nursery award, possession of a cup for outstanding service to the state association, was made to Miss Wilma Gunter, of the Griffing Nurseries, Beaumont, who has been untiring as chairman of the publicity committee for some years and, by her announcements and reports, has kept T. A. N. before the nurserymen of her state and others through the trade press.

The decision regarding the Arp award was made before there was knowledge as to the winner of the \$50 war bond offered by Frank Cornelius, Sr., to the person who obtained the greatest number of new members for the T. A. N. up to the time of the Houston meeting. Final count showed Miss Gunter the winner, with twenty-one new members. Runner-up was Paul Teas, Houston, with sixteen, while Ross Wolfe, Stephenville, was third with ten. Total of new members gained was fifty-three.

Presentation of the Arp award was made by Leonard Riggs and of the membership prize by Eugene Howard at the banquet, on the evening of August 23, an enjoyable night of music and dancing. J. M. Ramsey was master of ceremonies.

Officers elected for the next year are: President, Steve G. Verhalen, Scottsville; vice-president, Jesse Breedlove, Tyler; secretary-treasurer, Murray P. Ramsey, Austin.

For next year's meeting invitations were received from Austin and Dallas, the vote going to the latter city.

Preliminary events August 22 were a ladies' luncheon and style show at noon, when forty were guests of Mrs. Frank Cornelius, Sr., and the annual roundup picnic supper at the recreation center in Milby park, well attended and much enjoyed.

The opening session of the convention, August 23, was addressed by Otis Massey, mayor of Houston, whose pleasant welcome received response from Oscar S. Gray, Arlington.

In his brief president's message, J. B. Baker, Jr., Fort Worth, commented on the difficult spring season, met successfully by nurserymen in different ways. He warned against liquidating the nursery inventory by

the sale of stock not replaced by new plantings. Referring to mechanical devices and improved methods, he suggested their help in restoring plant production to normal levels.

In the absence of the secretary-treasurer, Jesse Breedlove, kept home by illness in the family, Mrs. Clark Kidd read his minutes and report. She deferred her own report as chairman of the membership committee.

Miss Wilma Gunter, as chairman of the publicity committee, called attention to the announcements and reports of T. A. N. activities in the trade journals and thanked the editors for their cooperation. Phil Scherz



Steve Verhalen.  
[Elected President, Texas Association.]

deferred the obituary report to the final session.

The brief report of George F. Verhalen, for the transportation committee, was read, in his absence, by Vice-president Steve Verhalen. It called attention to the continued suspension of the six per cent increase in freight rates.

The plan for memorial plantings sponsored by the state highway department was outlined by Ray P. Verhalen and by R. S. Rodman, from the highway department. Proposed is a publicity campaign, through Texas newspapers, magazines, civic organizations, garden clubs and the like, urging the public to plant in each dooryard or home grounds a shrub or tree in honor of the boys and girls fighting the present war. Preliminary to the campaign, the nurserymen were asked to offer recommendations,

by county or region, of an appropriate plant in each of three categories, a cheap shrub, a moderately expensive shrub or small tree and a specimen tree (for instance, azalea, crape myrtle and Magnolia grandiflora). Efforts were made to obtain the complete recommendations at the meeting so that the highway department might begin its publicity campaign in the autumn.

Since Ross Wolfe was on a business trip to California, his subject, "New Methods of Selling Nursery Stock," was discussed in an informal manner by Oscar S. Gray, who elicited response from the audience on some points raised.

Nurserymen, Mr. Gray declared, were lax in training employees in sales approach, especially in comparison with retail mercantile shops. The smile, the greeting and the use of the customer's name were most important in the sales approach.

He urged the use of packaged and labeled stock, so that customers could help themselves. He emphasized clean premises, fresh signs, the display of merchandise and prompt attention to correspondence as important means of attracting business.

Eighty-five persons attended luncheon, at which Leonard Riggs presided, Oscar Gray led singing and F. R. Kilner spoke briefly in recognition of the boys and girls of T. A. N. families away in service and requested a minute's silent prayer in closing.

"Current and Prospective Trends in the Nursery" was the subject of a half-hour's talk by F. R. Kilner, editor of the American Nurseryman, at the afternoon session.

After reviewing the effects of economic and legislative changes on the nursery industry since the earlier world war, he noted the changes to mail-order and store selling when the war curtailed landscape planting for lack of labor. While there has been strong demand for fruit trees, berry plants and small ornamentals during the past two years, the labor shortage has caused the accumulation of a tremendous backlog of landscape work. Meanwhile the public had acquired savings of unprecedented proportions. Consequently, nurserymen could expect excellent business at the war's close.

At that time, less stock would likely be moved by mail-order and chain stores. The return of the automobile would enable homeowners to visit the neighborhood nurseries. But the

greatest increase in business, the speaker predicted, would go to the many landscape firms, small and large, which had developed during and since the depression, while most professional landscape architects of the old school went into the service of government agencies. Stimulated by the victory garden program, the public would have greater knowledge of and interest in gardening. But many would, tired of doing their own garden work. The service firms, consequently, would find all the business they could handle for a considerable time after the war. Hence, he concluded, nurserymen can aid the postwar return to civilian economy by planning their prospective organizations now.

E. L. Baker presented the report of the legislative committee on social security tax problems. Some Texas nurserymen have been assessed for social security taxes for several years back, because their interpretation of the exemption of agricultural labor differed from the definitions of the federal internal revenue bureau. The taxes have been paid under protest and claims for refunds have been filed. It may be necessary to file suit in behalf of the claims. Test cases possibly may be made. The committee had reviewed the pending claims, but no decision was made regarding possible suits. The sum of \$2,000 was raised to finance participation in such suit if it seemed desirable for the T. A. N. to enter it as a test case.

Richard P. White, A. A. N. executive secretary, Washington, D. C., was the featured speaker at the morning and closing session, August 24, and he was never in better form. He stressed the importance of the trade association, state and national, in meeting the problems of the industry in peacetime as well as in wartime. Asserting the trade association is not a selfish pressure group, he outlined its threefold opportunity for service—to the industry, to the government and to the consumer or public. The A. A. N. had an exceptional record in this regard, as a review of its activities would reveal. After speaking of the national association's accomplishments and plans, he explained some of the recent government regulations, as is done regularly in the confidential news-letter received by A. A. N. members.

#### A. A. N. Chapter Elects.

Texas A. A. N. members met August 23 and elected J. M. Ramsey, Austin, chairman and Leonard Riggs, Longview, secretary.

Ross Wolfe, Stephenville, will

serve one more year as delegate. For a 2-year term as delegates were elected Lee Mosty, Centerville, and Oscar S. Gray, Arlington. As alternates were chosen J. M. Ramsey, Leonard Riggs and Roland Hill, Telferner.

#### Visitors.

Dr. W. H. Brittingham and his wife, from College Station, were introduced by Dr. S. H. Yarnell. Dr. Brittingham, who came to the Texas experiment station three years ago from Maryland, where he received his training, last March succeeded as horticulturist Dr. Walter Flory, who



Jesse Breedlove.  
[Vice-president, Texas Association.]

is now with the station in his native state of Virginia.

Sgt. Bendix Holst, now stationed at Arlington, Tex., spent his leave attending the meeting. Before entering the army he had been in the employ of nursery firms at Los Angeles, Cal.

One customary attendant was absent, Harvey Mosty, Kerrville, because his youngest daughter was married August 20.

#### Arrangements.

The arrangements for both social affairs and business sessions were so well done that the committee in charge received individual and collective commendation on more than one occasion. The members, all of Houston except as otherwise noted, were: Frank Cornelius Sr., Cornelius Nursery, chairman; Paul Teas, Teas Nursery, cochairman; Hans Peterson, Hans Peterson Nursery; Mancill Allen, Allen Nursery; Victor Allen, Dixie Landscape Co.; Ronald Hill,

Hill Nursery, Victoria; E. W. Bradshaw, Bradshaw Nursery, League City; W. C. Griffing, Griffing Nurseries, Beaumont; Tom Harwood, Houston Lawn Service, and O. J. Anderson, Blume System Tree Experts.

#### Committees.

In addition to the standing committees whose reports were noted above, the following committees were appointed and served at the Houston convention:

Auditing—Murray P. Ramsey, chairman; Edwin Teas, J. W. Erwin.

President's address—L. L. Dean, chairman; Frank Cornelius, Sr.; C. W. Woolfolk.

Resolutions—Otto Lang, chairman; A. C. P. Tyler, L. J. Rainey.

Nominating—Lee Mosty, chairman; E. E. Levert.

Award of Arp trophy—J. M. Ramsey, chairman; Ronald Hill, John Sarver, Leonard Riggs, Ray McCarter, Paul Winkler.

Decorations for banquet—W. J. Baker, chairman; Otto Lang, Mrs. Leonard Riggs, Mrs. Frank Cornelius, Sr.; Mrs. Paul Teas, Mrs. Harvey Woolfolk, Mrs. J. B. Baker, Jr.

#### GRIFFING NURSERIES.

By a coincidence the present land area of the Griffing Nurseries, Beaumont, Tex., 365 acres, is the same as the nursery occupied at Port Arthur, Tex., thirty years ago and now a built-up residential district known as Griffing Park. Its history goes farther back to northern Florida, where D. C. Griffing built up a business that his five sons continued with various branches. John "Bet a Million" Gates bought into the enterprise to provide capital for establishing a nursery in the booming oil country of south Texas. The Port Arthur venture resulted. When the Griffing brothers divided up the nursery properties in Florida and Texas, the venture had prospered under the management of Walter C. Griffing and the property became his, the Gates heirs having sold their interest.

From predominantly fruits, the nursery, like many others in the past quarter century, has become predominantly one of ornamentals. In earlier days a larger list was grown, many items for trial to determine their usefulness. Now for a retail and wholesale landscape trade, a selected list of specimen stock is grown. This comprises the items that Mr. Griffing's experience has found the most successful under south Texas conditions. For example, he has made selections of the live oak and features one of rapid growth which he calls the Spanish live oak. Similarly he recommends a dwarf spreading gardenia, a compact elaeagnus bearing his name, described

[Concluded on page 10.]

# Southern Meeting Sets Record

When President M. L. Harkey, Charlotte, N. C., called the opening session of the convention of the Southern Nurserymen's Association to order Wednesday morning, August 23, at Atlanta, Ga., he was confronted with one of the largest delegations ever to attend a Southern convention.

For several months President Harkey and members of the executive committee had considered whether or not a second wartime convention should be held, desiring on one hand to observe recommendations of the ODT that unnecessary travel be eliminated as much as possible, and on the other hand realizing that problems of vital interest to nurserymen necessitated a meeting. It was noted that many in attendance had pooled their cars and carried others going from the same section of the country. The dates were purposely set in midweek so as not to complicate already congested weekend travel.

An address of welcome was delivered by Frank R. Fling, county commissioner, with Tom Dodd responding. John Baird, president of the Georgia State Nurserymen's Association, was unable to attend the convention to speak as had been planned.

Prof. Hubert B. Owens, head of the landscape department, University of Georgia, spoke briefly of the work of the university in offering courses in landscape construction, and of the special courses offered to train men to become landscape foremen, capable of reading and executing plans of landscape architects.

President Harkey spoke of the great opportunities that will be presented to the nurserymen of the south and elsewhere in the postwar world, stressing particularly the memorials and parks that will be established with the coming of peace. He also spoke of the potential markets for nursery products that will be available shortly, and the shortage that is bound to exist due to labor difficulties and restrictions that are presently with us.

The report of W. C. Daniels, secretary-treasurer, showed a cash balance of over \$400 on hand, in addition to the war bonds purchased.

Lieut. Col. W. A. Sirmon, Atlanta, spoke on the subject, "Georgia Industry at War." Colonel Sirmon spoke at length on the work being done in the Atlanta area. Oliver A. Hobbs, Bridgeport, Ind., and Richard

R. Jones, Nashville, Tenn., vice-president of the A. A. N., addressed the meeting. Mr. Jones reported on the meeting of the board of governors of A. A. N. at Cincinnati, O., in July.

At the afternoon session Wednesday, Dr. Brooks D. Drain, of the University of Tennessee, Knoxville, described "Recent Experimental Work in Tennessee." Dr. Drain spoke of his experiments with roses, mainly Radiance, Ophelia, Red Radiance and Talisman. Roots used were multiflora, Manetti and Ragged Robin. In his report Dr. Drain stated that multiflora plants averaged much larger and gave a much larger number of blooms than the other stocks. Dr. Drain spoke also of his experiments in fruit stocks. He urged nurserymen to make fruit plantings for stocks. He said that pear seeds, peach pits, apple seeds and other stock seeds are scarce. He showed pictures of *Pyrus calleryana* pear trees that have been fruiting for many years and suggested that waste ground be used for such planting.

Dr. Drain illustrated his address through the use of slides, showing pictures of new varieties of red raspberry plants, also of the recently developed new strawberry plants, Tennessee Shipper, Tennessee Supreme and Tennessee Beauty. All have produced far greater yields than old varieties used in making a comparison. All of the new Tennessee varieties have been patented and plants are sold by licensed nurserymen. He also spoke briefly of developments that are just a little ahead of us, mainly in a

new race of quality pears for southern and eastern United States.

Tennessee was also represented by its state entomologist and plant pathologist, Dr. G. M. Bentley, Knoxville, who spoke interestingly of the work of the association's photographic committee, of which Dr. Bentley is chairman. The report was illustrated by slides in natural color. This committee has been active, in spite of the difficulties under which it has had to function during wartime, and the special committee on resolutions included in its report a paragraph to the effect that it recommended the continuation of this committee and urged the entire membership of the association to support the work. As soon as conditions will permit, the work of the photographic committee will be greatly enlarged, to create and maintain a photographic library that will be available to members.

During the Wednesday afternoon session, Prof. L. G. McLean, associate horticulturist, North Carolina State College, Raleigh, spoke on "Nursery Research Problems and Developments of Tomorrow." Also, in the absence of Professor Morrow, of North Carolina State College, Professor McLean presented a paper on "Improved Blueberries a Crop for the Future." Experiments being conducted at North Carolina State College, were also described by Professor McLean, and he particularly gave results of various treatments given azalea plants through sawdust media.

The annual banquet was one of the most successful ever staged by the Southern association. Donald Hastings, Atlanta, toastmaster, presented the entertainment features, and the speaker of the evening was Dr. Gus W. Dyer, Nashville, Tenn.

Thursday morning's session was opened with an address by Prof. Lyle L. Davis, University of Tennessee, Knoxville, Tenn., on "Avenues of Approach to the Customer." Professor Davis called attention to the fact that the general public is looking for professional service in all types of business now and that the nursery salesman is no exception. He stressed service and education.

Dr. G. M. Bentley presented a paper for Dr. Glenn O. Randall, of North Carolina State College, Raleigh, who was unable to be present, on "Notes on Lily Production in the Southeast." Dr. Randall called



Henry N. Boyd.  
[Elected President, Southern Association.]



attention to the possibilities in growing lily bulbs as a profitable crop, in view of the fact that imports have been cut off since the beginning of the present war.

Standing committee reports were made by W. L. Monroe, chairman of the educational committee; W. C. Daniels, chairman of the membership committee, and J. G. Bailie, chairman of the committee on camellias. Special committee reports were made by Harry Nettles, Asheville, N. C., for the resolutions committee; J. G. Bailie, for the auditing committee, and Richard H. Jones, for the nominating and time and place committee.

Officers elected for the new year are: President, Henry N. Boyd, McMinnville, Tenn.; vice-president, Henry Homer Chase, Chase, Ala.; secretary-treasurer, W. C. Daniels, Charlotte, N. C. As chairman of the executive committee, Donald N. Hastings, Atlanta, Ga., was named. No recommendation was made for the next meeting place.

The necrology committee reported that three members of the association died during the year: S. R. Howell, Knoxville; Edward A. Wachendorff, Atlanta, and E. W. Dabbs, Jr., Mayesville, S. C.

The splendid arrangements for the convention were made by W. L. Monroe, Jim Stubbs and Donald Hastings, all of Atlanta. These men left no stone unturned to make this one of the most enjoyable visits the Southern nurserymen have ever made to Atlanta. Many of the usual events that take place during conventions in normal times were omitted, of course, and activities were mostly confined to the hotel headquarters. The registration, which was conducted by Mrs. H. S. Daniels and Mrs. Dwight Moore, both daughters of the secretary, was one of the heaviest in the association's history.

#### POSTWAR PLAN GUIDES.

Declaring that wholesaling and retailing must be geared to a postwar expansion of production and sales at least one-third greater than in 1940, the Committee for Economic Development has issued a "Handbook for Wholesalers" and a "Handbook for Retailers" prepared for it by the Association of Consulting Management Engineers.

The handbooks include in great detail outlines of procedures whereby individual firms may begin planning now for greatly increased peacetime business after the war.

The distribution of these handbooks is part of C.E.D.'s nation-wide program to stimulate as many as pos-

sible of America's 2,000,000 business enterprises to plan now for 7,000,000 to 10,000,000 more jobs after the war than in 1940, through a speedy reconversion and expansion as soon as government gives the green light.

Both handbooks stress the decisive importance of speedy distribution in maintaining high levels of postwar over-all employment. In the early postwar period, handbooks warn, dangerous inflationary results might ensue from too free spending while goods are still scarce. On the other hand, "if the whole nation hesitates before buying, a depression with serious unemployment can result. Moderate spending is to be hoped for, rather than a scramble for scarce merchandise."

The handbooks recommend the following steps in planning the future of a wholesale and a retail business respectively:

Wholesale: 1. Selecting and developing customers. 2. Organizing profitable sales volume. 3. Reviewing buying policies and receiving methods. 4. Analyzing physical plant and order handling. 5. Reviewing controls of inventories and costs.

Retail: 1. Making a plan for estimated sales. 2. Deciding what lines to carry and improving relations with sources. 3. Adopting methods for increasing sales to a planned volume. 4. Deciding what changes are needed in the store itself. 5. Organizing, compensating and training person-

nel. 6. Controlling costs and keeping records.

The handbooks can be obtained only through local C.E.D. committees. They are not obtainable from the C.E.D. national office.

#### POSTWAR BOOKLET.

In the concluding paragraph of the report of W. A. Natorp as chairman of the A. A. N. subcommittee on memorial plantings, published in the July 15 issue of the American Nurseryman, reference was made to a study of postwar plantings in booklet form prepared by the editors of the Architectural Forum.

Evidently interest in this subject is keen, for the editors of the Architectural Forum have received many requests from nurserymen for the booklet.

However, the subject of their booklet is not postwar plantings, but is a general discussion of community postwar planning, entitled "Planning with You," and does not refer particularly to the subject of planting.

WORD has been received by Fischer Nursery, Bakerstown, Pa., that Lieut. Donald R. Fischer, reported missing in action July 3, has been found in Allied lines, apparently in good health. He was injured when his tank was destroyed and was taken back of the German lines for treatment, but escaped with others.

## Coming Events

#### CALIFORNIA CONFERENCE.

The California Association of Nurserymen's agricultural and horticultural war conference (annual convention) dates have been changed and are now definitely set for Wednesday and Thursday, September 13 and 14 respectively, with the directors' meeting to be held Tuesday, September 12. The place is San Jose. The headquarters will be the Sainte Claire hotel, and the meetings will be held in the City Auditorium, directly across the street from the hotel.

Due to the uncertain conditions of 1945 and the necessity for postwar planning, it is to the interest of every nurseryman who can possibly attend this conference to be present. The program committee is working hard to complete a program which will hold interest every minute of the day and in securing outstanding speakers on subjects of vital interest.

#### WESTERN MEETINGS.

In addition to the state meetings in California and Oregon in September, several group gatherings are scheduled so that Richard P. White, A. A. N. executive secretary, can meet members on his western trip.

On his way westward he will stop at Fremont, Neb., September 6 for the outing of the Nebraska Nurserymen's Association at the Plumfield Nurseries. The following day he will stop for a meeting at Denver, Colo., and September 9 at Salt Lake City, Utah. After the California and Oregon conventions he will stop for a day at Spokane, Wash., September 21, to meet members of the A. A. N. there.

On his trip Secretary White will be accompanied by W. J. Smart, of the D. Hill Nursery Co., Dundee, Ill., and Mrs. Smart, who have arranged a western journey to coincide with the itinerary.

# Some Laborsaving Devices

## CLEARING OLD BRUSH.

Many nurserymen still clear their land of overgrown shrubs by putting the digger under them and then burning the brush. This is an expensive process and one which returns, in the form of ashes, little to the soil in comparison with a procedure followed at the Cole Nursery Co., Painesville, O. There a caterpillar tractor drives heavy 24-inch disks over the land, grinding up the shrubs and mixing them with the topsoil. The land is gone over with the disks first in one direction and then in another. Then the process is repeated in perhaps a month's time. Larger heavy branches may be gathered and burned.

Since the land is cleared in this fashion usually in summer, a fall crop of rye or similar cover may be sown. Then the following year soybeans or another cover crop can be grown on the land. By the time this is disked in, most of the old shrubs have disintegrated and become assimilated with the soil, so that the land is again useful for planting nursery stock.

Not only is less labor involved, but the full humus and plant food content of the shrubs is returned to the soil.

## DROUGHT PRACTICE.

At the Washington Heights Nursery, Knoxville, Tenn., during the critically dry weather one would find in the block of budded cherry trees, under a billowing cloud of dust, four workmen, two with ordinary cultivators and two with box floats or sleds, or "slides," as Lee McClain calls them. The slides are made of rough 2x6 lumber, weighted with about 100 pounds of rock and guided by a pair of ordinary plow handles. The slides follow immediately after the cultivators, crushing small lumps and leaving the soil surface astonishingly smooth.

Lee McClain says he started this practice back in '25 and has used it

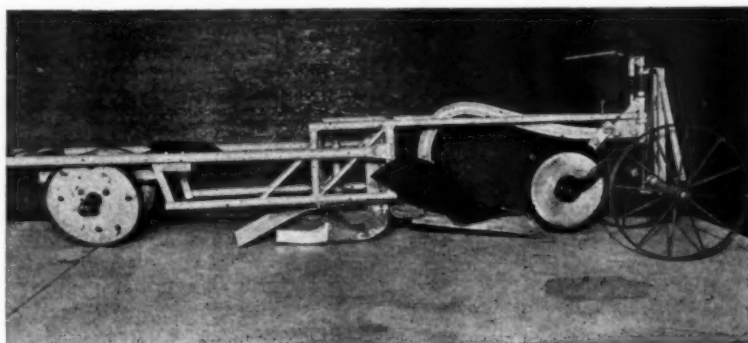
in only four seasons since then, when drought conditions approached severity. When the slides had been operated only five days, a visitor could scratch down through the pulverized soil in the slide track and pick up moist soil at finger depth.

## TREE-PLANTING MACHINE.

Introduction of tree-planting machinery in commercial nurseries would only be possible on extensive acreages, a possibility in view if commercial firms have the opportunity to

supply the vast amount of material expected to be employed by various government agencies after the war on projects of diverse kinds. Interest in tree-planting machinery has developed primarily in state forestry operations, and that in times of scarce or high-priced labor.

About fifteen or more years ago an eastern firm developed a machine to fit the needs of the New York conservation department, and such machines were later sold to other state forestry departments and to the federal government in its shelterbelt



Tree-planting Machine, Showing Plow, Shoe, Covering Plates and Packer Wheels.



Machine in Action, Capable of Handling Seedlings up to 4-year-old Stock.



Rows of Seedling Trees Planted by Machine.

## LABORSAVING DEVICES.

Have you constructed any laborsaving devices or adapted other equipment for nursery use for that purpose? The editor will pay for photographs accompanying descriptions of such devices or equipment, like those on this page.

operations. But when the depression caused the government to set up CCC camps, the use of manual labor was general on government projects, and manufacture of the machines was discontinued.

More recently, a machine used by Michigan celery planters has been remodeled for use in transplanting seedlings in the forest tree nurseries of that state, being adaptable to sandy soils only.

When the war set back reforestation projects in most states by the manpower shortage, interest in tree-planting machinery revived. In Wisconsin, Fred B. Trenk, extension forester, took the problem to H. D. Bruhn, of the department of agricultural engineering of the University of Wisconsin. A machine was constructed in the department by Mr. Bruhn, of which pictures are shown on page 9. A modified machine was built later to be turned over to the conservation department of the state so that a considerable number might be constructed for use throughout Wisconsin.

Photographs are by the University of Wisconsin photographic laboratory, courtesy American Forests, in which the following brief description appeared:

"A standard tractor plow is the basic unit of the new tree-planter, with right-hand and left-hand bottoms bolted to one beam to form a middlebreaker plow. On front of the plow they placed a rolling coulter that would cut through sod and debris—through almost anything, in fact, except stumps and heavy stones. Beneath the plow they put a planting shoe of 1/4-inch plate steel. It is shaped like an elongated V. On the end of the shoe at the plowshare points is a 10-inch steel chisel, which opens a trench in the bottom of the furrow. Into this trench, one by one, go the trees which are to be planted. Seedlings, or anything up to 4-year-old stock, can be handled readily.

"Three men, or a man and two boys, are needed for planting with this speedier method. One drives the tractor which pulls the tree-planter; one rides the machine, taking trees individually from a box placed in front of him and placing them in the trench as he moves along. Before his hand is off the tiny tree trunk, two covering plates, or berms, have pressed enough soil around the seedling to hold it upright until the packer wheels come rolling along. They do an efficient job of tamping the soil firmly around the roots. The third man goes ahead. He sorts the

trees so that their roots lie in the same direction and places them in boxes at stations, from which the supply on the machine can be replenished.

"At one demonstration the planting went along at the rate of a tree a second, or 3,600 trees an hour. This speed could be maintained by any crew of three working with the efficiency usually displayed by factory workers at their machines, says Mr. Bruhn.

"At another demonstration it required but fifteen minutes to plant three rows of trees which were to serve as a windbreak one-quarter mile long. This can be compared with the present rate of 1,000 trees a man a day by hand planting.

"Speed is not the only advantage, Mr. Trenk explained. Under present conditions of one foreman to a crew of eight hand planters, there is bound to be careless work such as exposed roots or insufficient tamp-

ing. This is almost impossible with a mechanical planter."

### GRIFFING NURSERIES.

[Concluded from page 6.]

as a sport of E. fruitlandi, and an upright form of firethorn called Wilma.

Many others are grown—azaleas, camellias, elaeagnus, pyracantha, holly, yaupon, nandina, oleander, privets being prominent in the list of broad-leaved evergreens; junipers outstanding in the coniferous evergreens and the live oaks among the shade trees. Crape myrtle, with emphasis on watermelon red, forms the bulk of a list of shrubs. Palms and vines that are favorites in the region form a part of the landscape list.

More vigorous after his operation last winter, W. C. Griffing gives full active days to the nursery while his son, Major Ralph C. Griffing, is in service in Europe. In the office is the expert guiding hand of Miss Wilma Gunter.

## War Controls

### ASK LAWN MOWER OUTPUT.

Reconversion problems, with a view to placing the lawn mower industry in a favorable position to maintain employment when its normal production can be resumed, were discussed by the lawn mower industry advisory committee last month at Washington.

Lawn mowers for civilian use have not been made since June, 1942, and are among the serious consumer shortages revealed by a recent civilian requirements survey, the War Production Board reports.

Because of their precision equipment, makers of power mowers are heavily engaged in war work. Hand mower manufacturers, however, having for the most part completed small subcontracts, could at once resume some normal production if material and manpower were available, committee members said. A poll of industry representatives showed, however, that more than half of them are in areas of greatest labor shortage.

A review of materials—gray iron, malleable iron, copper, aluminum and small motors—indicated, in general, that no substantial increase in their availability could be expected in the next few months. Aluminum is in relatively free supply, but manpower shortage still limits iron output. Copper is considered by WPB to be "delicately in balance" for the most es-

sential needs. Small motors are still classed as critical military components.

### ASBESTOS FOR LUMBER.

An especially timely booklet, in view of the provisions of the new lumber control plan L-335, has been published by the asbestos cement industry. It is "Build It with Asbestos," which contains twenty-four pages of instructions and suggestions for the use of asbestos building products in farm construction and repair.

Under the plan now in effect, farmers wishing to purchase lumber must obtain certificates from their county AAA committees. These committees have been instructed to insist that other less critical material be used whenever possible. The application for the certificate, in fact, must explain why noncritical materials cannot be used.

Asbestos products, which include shingles, sidings and asbestos board, are among the materials now being widely used on the farm. Besides being noncritical and generally available, they have a number of distinct advantages for farm use. They are fireproof, weatherproof and rodent-proof, and they will not rot nor decay. Because of these reasons, they are practically maintenance-free.

Copies of "Build It with Asbestos" will be sent upon request by the Asbestos Farm Service Bureau, 221 North La Salle street, Chicago 1, Ill.



# Some Opportunities in Hardy Bulbs

By C. W. Wood

The eastern end of the Mediterranean would make a happy hunting ground for a fritillaria fan, especially if he lived in a more temperate climate than we have in northern Michigan. As it is, I find many from that region are not able to stand our severe winters. A few have been flowered in pots, a rather unhappy situation and certainly not an artistic one for most fritillarias, and some have been carried over in frames, but not many were permanent in the open.

The polymorphous *Fritillaria graeca* is an example of the foregoing. I have grown several lots of *Fritillaria graeca* from seeds, none of which has shown sufficient hardiness to stand a real northern Michigan winter in the open; like most other tender kinds, it is quite easily handled in pots. The color of the flower might be called reddish-brown, though it varies from a quite light shade to deep brown and always, I believe, with pale green margins and a yellowish-green median band. It is sufficiently attractive to be included in the fritillary lover's list, even if it has to grow in a protected frame or in pots, and certainly deserves the attention of gardeners in warmer climates.

The Persian *F. askhabadensis* is slightly harder than the preceding, though still lacking the stamina needed to carry it through the low temperatures (35 degrees below zero) that we sometimes get, especially if there is little snow on the ground. Nor does its height of twenty inches (two feet or more if the soil is rich) fit it for this windy location, for it seems to require sunshine, and it is not easy to locate it in a sunny spot and still give it protection from wind. It is quite a lovely thing, though, in its clusters of pale yellow bells, with a suggestion of green in their make-up, at the top of the tall leafy stems.

The Algerian *F. oranensis* has been intriguing in its variations from red and greenish yellow to red and brown purple, but is not for outdoor culture this far north. In more temperate sections it should be a prize because of its floriferousness and for its growths of six to ten inches.

Although *F. verticillata*, from central Asia, is spoken of in the literature as being either yellow or white, my plants were intermediate in shade, being more properly called cream-colored. And they are truly charm-

ing, especially if planted with the dark-colored *F. pyrenaica*, both of which usually bloom at the same time and are nearly the same height.

Of all fritillaries, the crown imperial, *F. imperialis*, is perhaps best known and best loved. Its long association with gardeners has, of course, had no little part in that; a combination of intriguing characters has, no doubt, had more. The earliest writers on the subject recognized these signs, as will be noted in Gerard's description when he wrote, "The leaves grow confusedly about the stalk like those of the white lily, but narrower: The floures grow at the top of the stalk, encompassing it round, in forme of an Imperial Crowne, (whereof it took his name) hanging their heads downward as it were bells; in colour it is yellowish, or to give you the true colour, which by words otherwise cannot be expressed, if you lay sap berries in steep in faire water for the space of two houres, and mix a little saffron in that infusion, and lay it upon paper, it sheweth the perfect colour to linne or illumine the floure withall. The back side of the said floure is streaked with purplish lines, which doth greatly set forth the beauty thereof. In the bottom of each of these bells there is placed sixe drops of most cleare shining sweet water, in taste like sugar, resembling in shew faire orient pearls; the which drops if you take away, there do immediately appeare the like; Notwithstanding if they may be suffered to stand still in the floure according to his nature, they will never fall away, no not if you strike the plant untill it is broken."

Since Gerard's time other colors have been introduced from the wild and from gardens. These include the reddish orange of *Aurora* or *Kaiser Crown*, the brownish orange of *Orange Brilliant*, yellow maxima, the sulphur yellow of *Sulphureus*, and many others. In my light soil the yellows appear the least vigorous of the lot, needing the best soil and the choicest situations for a satisfactory performance. The orange-colored ones, on the other hand, do splendidly in a sunny or lightly shaded spot which has been thoroughly enriched to the depth of fifteen inches with old rotted manure. Light soil seems to induce rapid multiplication of the bulbs; as a consequence and contrary to the usual

recommendation to leave them undisturbed for years, I find it quite necessary to lift them at least every third year, replanting the large bulbs in their bed and growing the small ones along in nursery rows until they are ready to blossom. A situation sheltered from strong winds is to be recommended, because of their stately growth (three feet or more in the most robust kinds) and the likelihood of the brittle stems' being snapped off in gales. Lifting is perhaps best done as soon as the foliage dies down after flowering.

The architectural value of the plant has long given me pleasure, though perhaps not so much as has the tracing of its sojourn in gardens. As its introduction into England is credited to 1596, we search Gerard, who died in 1611 or 1612, in vain for its "vertues" or for folklore. One early legend, and perhaps the favorite, as it seems to have gained wide acceptance, connects the plant with Christ in his experience in Gethsemane, which I quote from Mrs. Earle's "More Potpourri from a Surrey Garden": "When our Lord in His agony was walking in the Garden of Gethsemane, all the flowers save this one bowed their heads in sympathetic sorrow. It held its head aloft in supreme disdain; whereupon our Lord gently rebuked it. Smitten with shame at last, it hung its head, and since then has never been able to raise it, and those who care to turn its face upward always find tears in its eyes." A French story, told by Ingram in his "Flora Symbolica," gives us another version: "The Duke de Montausier was married to Mademoiselle de Rambouillet on New Year's day, 1634, and on the morning of the bridal the duke placed upon the bride's dressing table a magnificently-bound book, on the vellum leaves of which were painted from nature, by the most eminent artists, a series of all the most beautiful European flowers. Appropriate verses for each bloom were written by famous French poets, and elaborately emblazoned on their respective pages. The chief poem in the collection was contributed by Chapelain, who chose the Crown Imperial Lily for his theme, representing it as having sprung from the blood of Gustavus Adolphus when he fell mortally wounded on the field of Lutzen."

Snowdrop continues to mean *Galanthus nivalis* to most of us. Several

factors have contributed to that state of affairs. Perhaps the most potent is the fact that it is the common snowdrop of Europe, extending from Spain across the continent to the Caucasus in Asia. Being at the doorstep, so to speak, of our first gardeners, it would naturally attract their attention and has, as a consequence, been their companion since early days. We have, then, a rather common knowledge of this entrancing herald of spring in the fraternity, but its cultural needs and its variations seem not so well known. It is not difficult of cultivation, fortunately, but it does have a few requirements which must be met if permanent results are expected. The greatest drawback to initial success, as I have observed, is the almost universal practice of using bulbs which have been out of the ground so long that they have lost much of their vitality. The bulbs were dug perhaps in July and remained in ordinary storage, including the hot storerooms of bulb dealers, until the gardener is ready to do his fall planting, maybe as late as November. The result may be as much as a 100 per cent loss. That is why the quick handling between digging in the neighborhood nursery and planting in its customer's garden means the difference between the success and failure of snowdrop plantings. Given freshly dug bulbs and a rather leafy soil in shade in a spot that will supply them plenty of moisture during their vegetative period and dryness from then until fall, success is certain.

The foregoing observations apply to type *G. nivalis*, but not to its autumn-flowering forms. The latter, including varieties *corcyrensis*, *olgae* and *octobrensis*, with flowering periods extending from September to December, are not easy to come by and are merely mentioned as something to work for when the present unpleasantness is over. The few bulbs of the autumn bloomers which I was able to secure several years ago proved too tender for this climate; so I cannot speak from experience as to their cultural needs. We are told, however, by those who should know that they want full sun in rocky soil. Nor are either of the Italian forms of *G. nivalis*, variety *imperati* and var. *atkinsi*, fully hardy here, even in the sheltered positions they are said to need in northern gardens. Where hardy, variety *imperati*, with large flaring flowers, earlier than the type, would be a decided acquisition.

Then there are the so-called green snowdrops. All snowdrops that I know have a certain amount of green in their make-up (the yellow ones mentioned in recent snowdrop literature

are unknown to me), but in the green ones the emerald patch or patches on the inner segments are much larger and there are usually green lines on the outer segments. It makes for a rather unusual snowdrop, pleasing to many gardeners. Two kinds, var. *scharloki* and var. *viridi-apice*, both forms of *G. nivalis*, I believe, are usually available in this country.

Several other snowdrops are mentioned in the literature, many of them no more than names to me. Thus, *G. ikariae*, which was introduced to cultivation more than a half century ago, with many words of praise for its large flowers, long in outer segments and the inner ones showing much green, still is elusive. *G. fosteri*, another Asia Minor species, is a little better distributed, but still remains un plentiful. It appears to be close to the glorious *G. elwesi* (in fact, it is thought by some to be a natural hybrid of the latter and the rather unexciting *G. latifolius*), though lacking its sturdy constitution. My efforts to make it happy have met with little success. The Caucasian, *G. latifolius*, is rather easy to get, but scarcely worth the effort, because of its small flowers, to get it established. A vastly improved form of it, known as *G. alleni*, remains a far-away dream, even though it has been in gardens for sixty years or more. This brief account leaves us with three, *G. elwesi*, *G. byzantinus* and *G. plicatus*, of my favorites to consider.

The first of these, with large globular flowers, is deservedly the most popular snowdrop in commerce. If you

grow your bulbs from seeds, you will notice not a little difference in shape of flower, especially in the amount of green and the pattern it assumes. Any that you get will likely be among the loveliest of your snowdrops, large of flower, tall of stem, ample of leaf, bold in all ways. It is reputedly capricious in some gardens, but I suspect that comes from giving the bulbs the same treatment that *nivalis* thrives under, i.e., shade and moisture. On the other hand, sunshine and a gravelly soil will ordinarily make it happy and permanent. I am convinced that it does not like a heavy soil and, although it may like a little shade during the middle of the day in warmer parts of the country, here at least full sun to give it a thorough baking through the summer is to be recommended.

The other two, *G. byzantinus* and *G. plicatus*, of my trio of favorites are valuable if for no other reason than that they prolong the snowdrop season, the first at the beginning of the period and the other at the tag end. *Byzantinus* is spoken of in European literature and by more southerly gardeners in this country as a winter bloomer. Bowles speaks of it as blooming in his English garden from November to February, for instance. It made me happy once by blooming in a mild December and another time in February, but these are indeed rare occasions in this harsh climate, for we usually have to wait until March, generally a week or ten days before the earliest *nivalis*. Its long outer seg-

[Concluded on page 20.]

## EVERGREENS

### For Fall Delivery

An excellent assortment  
of varieties and sizes.

We have manpower available for  
large-scale evergreen digging.

Write for special advance evergreen and peony list.

**LAKE'S SHENANDOAH NURSERIES**

Shenandoah, Iowa

# SPECIAL OFFER ON EVERGREENS FOR EARLY ORDERS

The following list of Conifer and Broadleaf are all first-class, nice, clean, young, thrifty stock. No old overgrown stock offered. These prices include balling and burlapping except where noted. Prices are only good for immediate orders, and will be subject to changes in our regular Fall Wholesale List, which we hope to mail September 20.

TERMS: Three (3) per cent discount for cash with order; two (2) per cent ten days; net, thirty days from date of invoice. No charge for loading car or truck loads in bulk.

Due to box lumber restrictions less than car or truck loads may have to be wrapped in burlap or paper for long shipments, which will be charged for at cost of material used. Will allow ten (10) per cent discount from these prices in carload lots or truck loads of 150 plants or more for orders booked before September 20 for delivery before November 1.

Please send your want list for ornamental shrubs, trees and vines. We hope to have our inventory completed and ready to quote prices by September 1 or soon after that date.

## ARBORVITAE—Thuja

—OCCIDENTALIS GLOBOSA.		Per	Per
Globe Arborvitae.		Each	10
12 to 15 ins.	.....	\$ .80	\$ 6.50
15 to 18 ins.	.....	1.00	8.50
18 to 24 ins.	.....	1.15	10.00
—OCCIDENTALIS. American Arborvitae.			
Dark Green.			
18 to 24 ins.	.....	\$ .75	\$ 6.00
2 to 3 ft.	.....	.95	8.00
—OCCIDENTALIS HOVEYI.			
Hovey Compact Arborvitae.			
15 to 18 ins.	.....	\$0.70	\$ 6.00
18 to 24 ins.	.....	.95	8.00
—OCCIDENTALIS PYRAMIDALIS.			
American Pyramid.			
2 to 3 ft.	.....	\$1.15	\$10.00
3 to 4 ft.	.....	1.50	12.50
4 to 5 ft.	.....	2.00	17.50
—ORIENTALIS AUREA NANA.			
Berkmans Golden (Biota).			
15 to 18 ins.	.....	\$1.10	\$10.00
18 to 24 ins.	.....	1.35	12.50
24 to 30 ins.	.....	1.65	15.00
30 to 36 ins.	.....	1.90	17.50
—ORIENTALIS BAKERI. Baker Arborvitae			
(Biota).			
18 to 24 ins.	.....	\$ .90	\$ 7.50
24 to 30 ins.	.....	1.00	8.50
30 to 36 ins.	.....	1.10	10.00
3 to 4 ft.	.....	1.40	12.50
4 to 5 ft.	.....	1.75	15.00
—ORIENTALIS BIOTA BONITA.			
15 to 18 ins.	.....	\$1.00	\$ 8.50
18 to 24 ins.	.....	1.15	10.00
24 to 30 ins.	.....	1.50	12.50
—ORIENTALIS COMPACTA. Compact Arborvitae (Biota).			
18 to 24 ins.	.....	\$1.00	\$ 9.00
24 to 30 ins.	.....	1.25	11.00
30 to 36 ins.	.....	1.40	12.50
—ORIENTALIS EXCELSA. Biota Excelsa.			
24 to 30 ins.	.....	\$1.00	\$ 8.50
30 to 36 ins.	.....	1.25	10.00
3 to 4 ft.	.....	1.50	12.50
4 to 5 ft.	.....	2.00	15.00
CHAMAECYPARIS LAWSONIANA.			
Lawson Cypress.			
2 to 3 ft.	.....	\$1.25	\$10.00
3 to 4 ft.	.....	1.50	12.00
CHAMAECYPARIS LAWSONIANA			
ALLUMI. Blue Lawson Cypress.			
18 to 24 ins.	.....	\$ .85	\$ 7.00
2 to 3 ft.	.....	1.25	10.00
3 to 4 ft.	.....	1.50	12.50
JUNIPERUS CHINENSIS COLUMNARIS.			
Column Chinese Juniper.			
24 to 30 ins.	.....	\$1.35	\$12.50
30 to 36 ins.	.....	1.60	15.00
3 to 4 ft.	.....	2.00	17.50
4 to 5 ft.	.....	2.50	22.50
5 to 6 ft.	.....	3.00	25.00
JUNIPERUS CHINENSIS PFITZLERIANA.			
AUREA. Hill Golden Pfitzeriana.			
15 to 18 ins.	.....	\$1.00	\$10.00
18 to 24 ins.	.....	1.35	12.50
24 to 30 ins.	.....	1.65	15.00
JUNIPERUS CHINENSIS PFITZLERIANA.			
Pfitzer Juniper.			
12 to 15 ins.	.....	\$0.85	\$ 7.50
15 to 18 ins.	.....	1.10	10.00
18 to 24 ins.	.....	1.35	12.50
24 to 30 ins.	.....	1.65	15.00
30 to 36 ins.	.....	2.00	17.50
JUNIPERUS COMMUNIS ASHFORDI.			
Ashford Juniper.			
18 to 24 ins.	.....	\$ .80	\$ 7.00
24 to 30 ins.	.....	1.00	8.50
30 to 36 ins.	.....	1.25	10.00
3 to 4 ft.	.....	1.50	12.50
4 to 5 ft.	.....	1.75	15.00
JUNIPERUS COMMUNIS CANADENSIS.			
Vase-shaped. Silvery-green foliage.			
15 to 18 ins.	.....	\$ .60	\$ 4.50
18 to 24 ins.	.....	.75	6.00
24 to 30 ins.	.....	.90	7.50
30 to 36 ins.	.....	1.20	10.00
JUNIPERUS COMMUNIS DEPRESSA.			
FLUMOSA. Andorra Juniper.			
18 to 24 ins.	.....	\$1.00	\$ 8.50
24 to 30 ins.	.....	1.15	10.00
30 to 36 ins.	.....	1.40	12.50
JUNIPERUS COMMUNIS HIBERNICA.			
Irish Juniper.			
24 to 30 ins.	.....	\$ .90	\$ 8.00
30 to 36 ins.	.....	1.10	10.00
3 to 4 ft.	.....	1.35	12.50

JUNIPERUS COMMUNIS HIBERNICA		Per	Per
FASTIGIATA. Columnar Irish Juniper.		Each	10
18 to 24 ins.	.....	\$0.85	\$ 7.50
24 to 30 ins.	.....	1.00	9.00
30 to 36 ins.	.....	1.35	12.00
3 to 4 ft.	.....	1.60	15.00
JUNIPERUS EXCELSA STRICTA.			
Spiny Greek Juniper.			
12 to 15 ins.	.....	\$0.75	\$ 6.50
15 to 18 ins.	.....	.90	8.00
18 to 24 ins.	.....	1.15	10.00
24 to 30 ins.	.....	1.30	11.50
JUNIPERUS SABINA. Savin Juniper.			
15 to 18 ins.	.....	\$0.90	\$ 8.00
18 to 24 ins.	.....	1.10	10.00
24 to 30 ins.	.....	1.40	12.50
JUNIPERUS VIRGINIANA. Red Cedar.			
2 to 3 ft.	.....	\$1.00	\$ 9.00
3 to 4 ft.	.....	1.50	12.50
JUNIPERUS VIRGINIANA. Hill Dundee.			
18 to 24 ins.	.....	\$1.40	\$12.50
2 to 3 ft.	.....	1.65	15.00
3 to 4 ft.	.....	2.25	20.00
4 to 5 ft.	.....	3.00	25.00
JUNIPERUS VIRGINIANA BURKI.			
Burk Juniper.			
18 to 24 ins.	.....	\$1.40	\$12.50
24 to 30 ins.	.....	1.65	15.00
30 to 36 ins.	.....	2.25	20.00
3 to 4 ft.	.....	3.00	25.00
JUNIPERUS VIRGINIANA CANAERTI.			
Canaert Red Cedar.			
18 to 24 ins.	.....	\$1.40	\$12.50
24 to 30 ins.	.....	1.65	15.00
30 to 36 ins.	.....	2.00	17.50
3 to 4 ft.	.....	2.25	20.00
JUNIPERUS VIRGINIANA GLAUCA.			
Blue Cedar.			
18 to 24 ins.	.....	\$1.40	\$12.50
24 to 30 ins.	.....	1.65	15.00
30 to 36 ins.	.....	2.25	20.00
3 to 4 ft.	.....	3.00	25.00
JUNIPERUS VIRGINIANA GLOBOSA.			
Globe Juniper.			
12 to 15 ins.	.....	\$1.00	\$ 8.50
15 to 18 ins.	.....	1.15	10.00
18 to 24 ins.	.....	1.40	12.50
JUNIPERUS VIRGINIANA KETELEERI.			
Keteleer Juniper.			
30 to 36 ins.	.....	\$2.00	\$17.50
3 to 4 ft.	.....	3.00	25.00
4 to 5 ft.	.....	3.50	30.00
JUNIPERUS VIRGINIANA SMITHI.			
Smith Red Cedar.			
18 to 24 ins.	.....	\$1.10	\$10.00
24 to 30 ins.	.....	1.35	12.50
30 to 36 ins.	.....	1.60	15.00
3 to 4 ft.	.....	2.25	20.00
PICEA CANADENSIS. White Spruce.			
24 to 30 ins.	.....	\$1.40	\$12.50
30 to 36 ins.	.....	1.65	15.00
3 to 4 ft.	.....	2.00	17.50
PICEA EXCELSA. Norway Spruce.			
24 to 30 ins.	.....	\$1.40	\$12.50
30 to 36 ins.	.....	1.75	15.00
3 to 4 ft.	.....	2.25	20.00
4 to 5 ft.	.....	3.00	25.00
PINUS NIGRA. Austrian Pine.			
PINUS SYLVESTRIS. Scotch Pine.			
18 to 24 ins.	.....	\$0.85	\$ 7.00
2 to 3 ft.	.....	1.25	10.00
RETINOSPORA FILIFERA.			
Thread Retinospora.			
18 to 24 ins.	.....	\$0.80	\$ 6.50
2 to 3 ft.	.....	1.00	8.50
3 to 4 ft.	.....	1.25	10.00
RETINOSPORA SQUARROSA VEITCHI.			
Blue Moss Color.			
18 to 24 ins.	.....	\$0.80	\$ 6.50
2 to 3 ft.	.....	1.00	8.50
3 to 4 ft.	.....	1.25	10.00
RETINOSPORA FLUMOSA.			
Green Retinospora.			
RETINOSPORA FLUMOSA AUREA.	Golden Plume Retinospora.	.....	.....
15 to 18 ins.		\$0.75	\$ 6.00
18 to 24 ins.	.....	.90	7.50
24 to 30 ins.	.....	1.00	9.00
30 to 36 ins.	.....	1.15	10.00
3 to 4 ft.	.....	1.40	12.50
TSUGA CANADENSIS. Canadian Hemlock.			
18 to 24 ins.	.....	\$1.50	\$12.50
24 to 30 ins.	.....	1.75	15.00
30 to 36 ins.	.....	2.00	17.50
3 to 4 ft.	.....	3.00	25.00
4 to 5 ft.	.....	4.00	35.00

(Sold only in connection with equal amount of other finished Evergreens.)

## BROADLEAF EVERGREENS

	Per Each	Per 10	Per 100	
<b>ABELIA GRANDIFLORA.</b> Glossy Abelia.				
18 to 24 ins., bare root	.....\$0.30	\$ 2.25	\$20.00	
18 to 24 ins., B&B	.....	40	3.25	30.00
2 to 3 ft., bare root	.....	40	3.25	30.00
2 to 3 ft., B&B	.....	.55	5.00	45.00
3 to 4 ft., bare root	.....	.55	5.00	45.00
3 to 4 ft., B&B	.....	.75	7.00	65.00
<b>BUXUS SEMPERVIRENS.</b> Common Bush				
Form Boxwood. Compact, well filled.				
8 to 10 ins., bare root	.....	\$0.50	\$ 4.50	\$40.00
10 to 12 ins., bare root	.....	.70	6.50	60.00
12 to 15 ins., bare root	.....	.90	8.00	80.00
12 to 15 ins., B&B	.....	1.35	12.00	.....
15 to 18 ins., B&B	.....	1.75	16.00	.....
18 to 24 ins., B&B	.....	2.20	20.00	.....
<b>BUXUS SUFFRUTICOSA.</b> Old English Tree				
Dwarf Boxwood. Compact, well filled.				
6 to 8 ins., bare root	.....	\$0.60	\$ 5.00	.....
8 to 10 ins., bare root	.....	.90	8.00	.....
10 to 12 ins., bare root	.....	1.25	10.00	.....
(Cost of B&B to be added if wanted balled.)				
<b>CYTISUS SCOPARIUS.</b> Scotch Broom.				
2 to 3 ft., bare root	.....	\$0.50	\$ 4.00	.....
2 to 3 ft., B&B	.....	.75	6.00	.....
3 to 4 ft., bare root	.....	.75	6.00	.....
3 to 4 ft., B&B	.....	.90	7.50	.....
<b>ELAEAGNUS PUNGENS REFLEXA.</b>				
2 to 3 ft.	.....	\$1.15	\$ 9.00	.....
3 to 4 ft.	.....	1.25	10.00	.....
4 to 5 ft.	.....	1.50	12.00	.....
<b>EUONYMUS BUNGEANUS (SIEBOLDI-ANUS).</b> Winterberry Euonymus.				
12 to 18 ins.	.....	\$0.75	\$ 6.00	.....
18 to 24 ins.	.....	.85	7.00	.....
2 to 3 ft.	.....	.95	8.00	.....
<b>EUONYMUS PATENS.</b> Spreading Euonymus.				
12 to 18 ins.	.....	\$0.80	\$ 7.00	.....
18 to 24 ins.	.....	1.00	8.50	.....
2 to 3 ft.	.....	1.25	10.00	.....
3 to 4 ft.	.....	1.50	12.50	.....
<b>EUONYMUS RADICANS.</b> Wintercreeper.				
8 to 12 ins., bare root	.....	\$0.15	\$ 1.25	\$10.00
15 to 18 ins., bare root	.....	.20	1.50	12.50
15 to 18 ins., bare root	.....	.25	2.00	15.00
18 to 24 ins., bare root	.....	.30	2.50	20.00
<b>EUONYMUS RADICANS ACUTUS.</b>				
Sharpleaf Wintercreeper.				
12 to 18 ins.	.....	\$0.60	\$ 5.00	.....
18 to 24 ins.	.....	.70	6.00	.....
2 to 3 ft.	.....	.90	7.50	.....
<b>EUONYMUS RADICANS CARRIERI.</b>				
Glossy Wintercreeper.				
12 to 15 ins., bare root	.....	\$ .20	\$ 1.50	\$12.50
15 to 18 ins., bare root	.....	.25	2.00	15.00
15 to 18 ins., bare root	.....	.30	2.50	20.00
18 to 24 ins., bare root	.....	.40	3.00	25.00
2 to 3 ft., bare root	.....	.75	6.50	60.00
<b>EUONYMUS RADICANS COLORATUS.</b>				
Spreading Wintercreeper.				
12 to 18 ins., bare root	.....	\$0.20	\$ 1.50	\$12.50
15 to 18 ins., bare root	.....	.30	2.50	20.00
18 to 24 ins., bare root	.....	.40	3.00	25.00
2 to 3 ft., bare root	.....	.55	5.00	45.00
<b>ILEX OPACA.</b> American Holly				
(Standard or Bush Form.)				
4 to 5 ft.	.....	\$3.00	\$27.50	.....
5 to 6 ft.	.....	4.00	37.50	.....
6 to 7 ft.	.....	5.00	47.50	.....
8 to 10 ft.	.....	7.00	65.00	.....
<b>ILEX VOMITORIA.</b> Yaupon Holly.				
2 to 3 ft.	.....	\$1.25	\$10.00	.....
3 to 4 ft.	.....	1.75	15.00	.....
4 to 5 ft.	.....	2.50	20.00	.....
<b>LEUCODENDRON JAPONICUM.</b> Japanese Privet				
(Upright.)				
4 to 5 ft.	.....	\$0.70	\$ 6.00	.....
5 to 6 ft.	.....	.80	7.00	.....
<b>MAGNOLIA GRANDIFLORA.</b>				
Southern Magnolia.				
18 to 24 ins., bare root	.....	\$1.15	\$10.00	.....
2 to 3 ft.	.....	1.75	15.00	.....
3 to 4 ft.	.....	2.25	20.00	.....
4 to 5 ft.	.....	3.50	30.00	.....
<b>MAHONIA AQUIFOLIUM.</b>				
Oregon Hollygrape.				
18 to 24 ins.	.....	\$0.90	\$ 7.50	.....
24 to 30 ins.	.....	1.25	10.00	.....
24 to 30 ins.	.....	1.50	12.50	.....
30 to 36 ins.	.....	1.75	15.00	.....
<b>NANDINA DOMESTICA.</b>				
12 to 18 ins.	.....	\$0.60	\$ 5.00	.....
18 to 24 ins.	.....	.75	6.00	.....
2 to 3 ft.	.....	1.00	8.00	.....
3 to 4 ft.	.....	1.25	10.00	.....
(Send want list for special quotations.)				



# This Business of Ours

*Reflections on the Progress and Problems of Nurserymen*

By Ernest Hemming

## CUSTOMER INERTIA.

Most of us have relegated Catalpa bungei and the weeping mulberry to the limbo of the era of the iron deer. But I wonder if others have had the same experience we have had in growing some of the "better things." A number have turned out to be in the class of *Viburnum rhytidophyllum*, of which the late Paul Lindley said, "Everyone asked what it was and no one bought." Dr. Fairchild in his book, "The World Was My Garden," reported that inertia toward the use of new vegetables was too much to overcome.

The writers of columns like these in horticultural and garden magazines frequently extol the virtues of certain choice trees and shrubs. I can name three flowering trees that we have grown in fair quantity, only to scrap too large a percentage. They are *Sophora japonica*, *Koelreuteria japonica* and *Styrax japonica*, all really attractive flowering trees. Others, of which we had only small quantities, yet seemed to attract little attention, are *cercidiphyllum*, *Cornus kousa* and *chionanthus*.

Among shade trees the chestnut oak and English oak are outstanding examples of trees that customers ignore. The latter does mildew, and the former is hard to transplant, but it is a handsome tree, with shiny dark green foliage and a broad head.

Even the now-popular Chinese chestnut, with which we have worked for more than ten years, was slow in gaining a demand. In fact, we mailed out a trade list with it quoted for two years without ever getting an order, while now the demand far exceeds the supply. In this case the tree is not only handsome, but bears a crop that is good eating and fills a nostalgic need that is very American. As good as its nuts are to eat, I doubt if there would be much interest in the tree if so many millions of Americans had not gone after chestnuts when kids a generation ago.

There are two flowering shrubs for which the demand seems slow. They are *Sophora vicifolia*, a legume-leaved shrub with pale blue flowers, and *Cercis sinensis*, the Chinese redbud, which flowers much more heavily than the American form and is easier to use in borders.

*Magnolia glauca*, a fragrant flow-

ering semievergreen shrub, is another plant often listed as a choice native plant, but which not many people buy.

Among the perennials is the gas plant, or *dictamnus*, desirable for its longevity, its foliage, its flowers and as a combustible novelty, yet we seem to sell very few.

There are some choice plants that we have grown which, after a little extra pushing, seem to have taken on pretty well. One is the American holly, which we once propagated a little too enthusiastically, but which now has a fairly steady demand in well berried specimens. Another is a strain of tree box which is by far the best we have found. It makes an open, irregular-shaped plant, growing to be five to six feet in size in about five or six years. The foliage is dark green, and as an accent plant the tree box is superior to the junipers; in addition, it can be pruned into a solid hedge and without a long wait, as in the case of the other forms of box. It is, however, useless above the latitude of Washington. Yet the market for this plant has been slow in developing.

But of all the duds a row of *Berberis wilsonae* was the worst. After cultivating that row for about six years, we finally dug it out intact at the behest of the "rust" man from the USDA.

It surely is a good thing we do not put all our eggs in one basket, and on the other side, we have sold many

a dollar or a dollar and a half crape myrtle that has been taken to Pennsylvania, New York and points north, where they promptly die in spite of our warning and Dr. McFarland's specimen at Harrisburg. E. S. H.

## ENGLISH IVY.

The English ivy is one of the most useful plants in localities where it will thrive. At the same time, it is one of the most neglected and misused. It is especially useful because it will thrive in shady situations about buildings and under trees where nothing else will grow. Planted in such a place, it is seldom cared for and usually becomes a nuisance, whereas with attention once a year it can be kept where it belongs and will add much to the beauty of the position. When used to cover walls, it should be cut back every spring, every leaf being taken off with sickle or shears, instead of being allowed to bunch up and make a place for the sparrows to nest. The same treatment is also called for when English ivy is used as ground cover.

E. H.

MACK'S NURSERY, Jamestown, N. D., has been discontinued, because of the death of W. R. McGillvray.

## LOOK—READ—SAVE

Cash in on the following which we have in surplus.  
All heavily sheared—beetle certified.

		Each
Pfitzer Juniper ...	2½ to 3 ft.	\$2.50
Pfitzer Juniper ...	3 to 3½ ft.	3.00
Goldtip Juniper (Elegantissima) ...	4 to 5 ft.	3.50
Goldtip Juniper (Elegantissima) ...	5 to 6 ft.	4.50
Norway Spruce ...	4 to 5 ft.	2.50
Norway Spruce ...	5 to 6 ft.	3.25
Dwarf Nest Spruce ...	15 to 18 ins.	2.00
Dwarf Nest Spruce ...	18 to 24 ins.	2.50
Colorado Gr. Spruce ...	2 to 3 ft.	1.75
Colorado Gr. Spruce ...	3 to 4 ft.	2.25
White Spruce ...	3 to 4 ft.	2.00
White Spruce ...	4 to 5 ft.	2.50
Mugho Pine ...	12 to 15 ins.	1.50
Mugho Pine ...	15 to 18 ins.	2.00
Cypress (in var.) ...	4 to 5 ft.	2.75
Cypress (in var.) ...	5 to 6 ft.	3.25
Upright Taxus ...	18 to 24 ins.	2.25
Upright Taxus ...	2 to 2½ ft.	3.00
Amer. Arborvitae ...	4 to 5 ft.	2.25
Amer. Arborvitae ...	5 to 6 ft.	3.00
Pyramidal Arborv. ...	2 to 4 ft.	2.00
Ware (Siberian Arborvitae) ...	2 to 2½ ft.	2.00
Canadian Hemlock ...	4 to 5 ft.	3.50
Canadian Hemlock ...	5 to 6 ft.	4.50
American Holly ...	2 to 3 ft.	1.75
Oregon Holly ...	15 to 18 ins.	1.10
Oregon Holly ...	18 to 24 ins.	1.50
River Birch (Clump), B&B ...	4 to 6 ft.	1.75
River Birch ...	6 to 8 ft.	3.00
White Dogwood (Flr.) B&B ...	7 to 9 ft.	2.75
Sweet Gum Trees ...	6 to 8 ft.	1.50
Sweet Gum Trees ...	8 to 10 ft.	2.25
Gold. Weep. Willow ...	8 to 10 ft.	1.25

## SHANER'S NURSERY

R. D. 1, Rt. 56 Leechburg Rd.  
New Kensington, Pa.

The lovely

Yellow

Rose

V for Victory

and other

SUB-ZERO HYBRID TEAS

Large and beautiful as any.  
Easy to grow and long to live.  
Save replacement expense.  
Also Yellow and Orange Climbers.

Write for trade prices to

BROWNELL ROSES

LITTLE COMPTON, R. I.



## CLEARING FIVE ACRES OF EVERGREENS

We have to clear five acres of nursery stock this fall, 1944, for a housing project.

Following is a list of specimen stock that has to be moved, and to avoid replanting all of it, we are willing to sell at a sacrifice price. Most of this stock is ready for landscape sale, beautiful and well sheared. When it is possible it will pay you to come and see for yourself.

### EVERGREENS B&B — PERFECT SHEARED COMPACT PLANTS

		Each	Per 100
200 Juniperus Chinensis Columnaris Glauca .....	2½ to 3 ft.	\$1.75	\$150.00
300 Juniperus Chinensis Columnaris Glauca .....	3 to 3½ ft.	1.90	175.00
300 Juniperus Chinensis Columnaris Glauca .....	3½ to 4 ft.	2.50	225.00
200 Juniperus Chinensis Columnaris Glauca .....	4 to 4½ ft.	3.25	300.00
60 Juniperus Chinensis Columnaris Glauca .....	4½ to 5 ft.	4.00	.....
100 Juniperus Chinensis Hilli (Dundee Pyramidalis) .....	2 to 2½ ft.	1.25	110.00
100 Juniperus Chinensis Hilli (Dundee Pyramidalis) .....	2½ to 3 ft.	1.60	150.00
40 Juniperus Chinensis Hilli (Dundee Pyramidalis) .....	3 to 3½ ft.	2.25	200.00
40 Juniperus Chinensis Hilli (Dundee Pyramidalis) .....	3½ to 4 ft.	2.75	250.00
150 Juniperus Chinensis Mascula .....	2½ to 3 ft.	1.75	150.00
150 Juniperus Virginiana Burki .....	2½ to 3 ft.	1.40	125.00
150 Juniperus Virginiana Burki .....	3 to 3½ ft.	2.25	200.00
100 Juniperus Virginiana Burki .....	3½ to 4 ft.	3.00	275.00
500 Juniperus Virginiana Canaerti .....	2½ to 3 ft.	2.25	200.00
500 Juniperus Virginiana Canaerti .....	3 to 3½ ft.	2.75	250.00
300 Juniperus Virginiana Canaerti .....	4½ to 5 ft.	4.00	375.00
130 Juniperus Virginiana Canaerti Compacta .....	2 to 2½ ft.	1.75	150.00
30 Juniperus Virginiana Pendula .....	2½ to 3 ft.	2.00	.....
250 Juniperus Virginiana Glauca .....	2 to 2½ ft.	1.75	160.00
30 Juniperus Virginiana Glauca .....	4 to 5 ft.	4.00	.....
30 Juniperus Virginiana Glauca .....	5 to 6 ft.	5.00	.....
35 Juniperus Virginiana Elegans Lee .....	3x3 ft.	2.50	.....
200 Thuja Occidentalis Pyramidalis .....	2½ to 3 ft.	1.10	100.00
150 Thuja Occidentalis Pyramidalis .....	3 to 3½ ft.	1.50	140.00
150 Thuja Occidentalis Pyramidalis .....	3½ to 4 ft.	2.00	180.00
75 Thuja Occidentalis (Green American) .....	3 to 4 ft.	1.50	125.00
250 Juniperus Kosteriana .....	2 to 2½ ft.	1.25	100.00
400 Juniperus Pfitzeriana .....	3 to 3½ ft.	2.50	220.00
400 Juniperus Pfitzeriana .....	3½ to 4 ft.	3.00	275.00
200 Juniperus Pfitzeriana .....	4 to 4½ ft.	3.50	325.00
150 Juniperus Depressa Plumosa (Andorra) .....	2 to 2½ ft.	1.75	150.00
300 French Lilac .....	3x3½ ft.	1.75	150.00

This territory is free of Japanese beetle, and stock does not need any treatment before shipment.

We also have other items of larger stock in small numbers that has to be moved.

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1988 East Livingston Ave.

COLUMBUS (9), OHIO

#### F. T. C. STIPULATION.

Montgomery Ward & Co., Chicago, have stipulated with the Federal Trade Commission, Washington, D. C. (No. 3877) that in the sale of seedling nut trees they will cease representing that such a tree can be depended upon to be profitable or to produce valuable nuts; that a black walnut seedling can be depended upon to produce bushels of nuts or well filled, fine-flavored nuts; that shellbark hickory seedlings can be depended upon to produce deliciously flavored, thin-shelled nuts, or that butternut seedlings can be depended upon to bear early or to produce large, long, well filled nuts.

It further agrees to cease representing that black walnut or shellbark hickory nut trees can be grown successfully everywhere in the United States or in any part of the world which, in fact, is not suitable for their growth, or that young nut trees need no special care and can be grown successfully without being accorded careful attention.

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You do the digging. Our help has gone to war.

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Don't write. Come and tag your selections.

They won't last long.

The price for anything is \$2.00 each.

This offer may be retracted without notice, so do not delay.

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Newark, Ohio

### COLORADO BLUE SPRUCE

	Per 100	Per 1000
70,000 4-yr., T. (2-2), 2 to 5 ins. ....	\$5.00	\$26.00
25,000 5-yr., T. (2-3), 4 to 8 ins. ....	7.00	36.00

These trees grown from seed from cones hand-picked from blue trees in Colorado.

Prices of other Spruce, Pine and Fir on request.

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Bradley Hills, Bethesda, Md.

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(Weller's Hardy Northern Type)

Only Boxwood proved hardy in Northern States for Twenty Years.

Ask for our Perennial catalog.

**WELLER NURSERIES CO., Inc.**  
Leading Perennial Growers  
Holland, Mich.



## CHARLIE CHESTNUT

Sherlock Holmes, Jr.



"Well Charlie, it looks like there has at last come a day we can spend here in the office," Emil announced when I got to work on a chilly day in early March. Emil had the stove red hot and was stripped down to his suspenders which is a sign I have learned indicates a day in the office. "First we will go to work and draw up a plan for Mrs. Morse. I want to stick right at it and dont let nothing interfere. Mrs. Morse called me again yesterday, I cant put her off any longer. Get them colored crayons out, Charlie, and lets get up something fancy."

"Its O.K. with me Emil," I says, "but its a ten to one bet we will never make it. This is only the fourth time we started that and here it is the middle of March. There is always something comes up like last week Friday we had to fix the washing machine."

"This time we will stay with it whether or no," said Emil.

"Do you want that plan on wrapping paper or shall we use some of that wall paper like you used for the Riverbend Auto Court job?"

Emil didnt answer me as he was looking over a bill from the Lake Park Gazette for a want ad which set him back \$2.50 without so much as a single man of any description called up. "Looks like men is hard to find. This is the same ad I always used. I remember in 1938 we—"

"Theres something up with your Mrs., Emil," I cut into the conversation, "here she comes on the run, looks like shes got the cat under her arm." I could see her thru the front window of the office.

Emil made a dash to the door and opened it up just as she got to the step. "Whats up, Emma?" he burst out with a frightened look.

"The cat, Emil, the cat!" she replied all out of breath.

"The cat what? Whats wrong with the fool thing, Emma?"

"She swallowed my gold thimble, thats what. She got up on the parlor table, knocked the thimble off on the floor, jumped down on the floor and the thimble bounced right into her mouth and down her throat. Its right there in her neck because she gags on it." Just then the cat let out a

wild screech. "Do something, Emil, dont just stand there."

"There aint nothing to do," says Emil, "but cut her open. I aint no magician. Which do you want the most, the cat or the thimble?"

"That aint no way to talk, Emil. I dont want to lose the thimble and I dont want nothing to happen to the cat. Take her and see if you cant get the thimble out," she says, holding the cat out to Emil.

"If I was to open that cat up, Emma, there is no telling what would turn up. Maybe she swallowed that genuine pearl thats been missing from my stick pin. I got a good notion to check over that cats insides only I got to put the cat out of business first."

"Youll do nothing of the kind, Emil. If you wont look at the cat, you take her right down to Doc Hart, but dont let him hurt the cat."

"A fine business," says Emil, "me with a busy day here at the office and now I got to play nurse maid to a cat."

Just then the cat went into sort of a fit, so Emil grabbed his hat in one hand and the cat in the other. "Come on, Charlie," he says to me, "drive me down town and see if we can find Doc Hart."

My car was sitting right there by the door, so I started up with Emil sitting in the back seat grumbling about cats in general and this one in particular.

"Where do you figure old Doc will

be at this time of day, shall we try the office or his house first?" I says.

"Drive along Main St., if you didnt want him, he'd be standing on the street."

Just as we got in front of the post office, we seen Doc coming out reading his mail, so I pulled up to the curb and yelled to him. I jumped out and called him over to the car.

"This fool cat has swallowed my wifes gold thimble, Doc," Emil says: "Whats the chances of prying it out of her without cutting her open? Cant cut her open, Emma says. Is there any other way, Doc?"

"My gosh, Emil, what next?" says Doc. "First its that old flea bitten nag of yours and now its a cat. Im a horse and cow man. I aint no expert on cats. If it was mine I would get that thimble out in a hurry, and there would be one less cat in the world all in one operation."

"Well, just look at her anyway, Doc," says Emil, "I promised Emma I would have you look the cat over anyway."

Anyone could see that Doc was disgusted with the whole idea, but being a man of action he grabbed the cat out of Emils hand, held it by the tail and gave it one sound slap on the head. The thimble came out on the first slap and fell down on the curb and bounded along the gutter.

Emil was so excited and surprised at this simple proceeding that he didnt notice that the thimble bounced

### WANTED FOR FALL AND SPRING

Good A-1 grade of nursery and garden supplies. Shade trees, ornamental trees and fruit trees, evergreens, shrubs, roses, roots, bulbs, etc.

Prefer shrubs, roses, bulbs and roots individually wrapped and color labeled, bulbs in boxes or bags.

We can also use other merchandise for our retail sales grounds, such as trellis, insecticides, bird houses, garden urns, deck chairs, tables, etc.

Can and will buy some of this merchandise in truck and carload lots.

Reference: Cleveland Trust Co., Dun and Bradstreet and others upon request. Send information or have your salesmen see us.

### PEARL-BROOK GARDENS

Pearl at Brookpark Rds.

Cleveland, O.

Phone: Florida 6910





*Block of Taxus Cuspidata, 18 to 24 ins. and 2 to 3 ft.*

**WRITE FOR PRICES ON EVERGREENS**

**I. E. ILGENFRITZ' SONS CO.**

**THE MONROE NURSERY ::: MONROE, MICHIGAN**

along the curb for a couple of feet and down into a catch basin.

"We aint much better off than we was before now, Emil," I says. "There is your thimble down there in that catch basin in two or three feet of mud and water."

"We got to get it out of there, Charlie. Does the top of that grating come off? Let me see if its loose," says Emil as he leaned down to grab hold of the grating over the catch basin."

He give a couple of jerks and let out a curse. "That aint been off of there for years, Charlie, its all rusted down."

"How you going to get in there even if you get the top off. Its four or five feet to the bottom of that hole. Better see if Geo. Pound has got a long handled dipper of some kind to clean it out."

Geo. Pound was the village policeman and wasnt in any mood to dig out catch basins. "We only clean them out once a year in the fall. Youll have to wait until next fall."

Finally for a consideration of \$1.00 he agreed to get his shovel and bucket and clean it out. It was an hour before he got around to it while me and Emil was pacing back and forth waiting. Emil went into the post office off and on and read de-

## EVERGREENS

Complete assortment of all worth-while  
Pyramidal and Spreading Evergreens.

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### HARDY PYRACANTHA

12 to 16 ins., 35c each.

Lalandi type, tested 36 deg. below zero.

Can be shipped anywhere in U.S.A.

### TRANSPLANT EVERGREENS,

12 to 24 ins.

White Spruce, Norway Spruce, Red Pine.

\$15.00 for 100 \$25.00 for 250

Beetle-inspected Stock.

4-yr. Colorado Blue Seedlings, 6 to 10 ins.

\$4.00 for 100 \$6.00 for 250.

### FISCHER NURSERY

Box 36 Bakerstown, Pa.

### JUNIPER GLAUCA HETZI

#### New Spreading Evergreen

Increasing in popularity in its third year.

Fall list about September 10 will describe in detail. Write us if you do not receive a copy.

### FAIRVIEW EVERGREEN NURSERIES

Fairview, Pa.

### EVERGREENS

Junipers and Biotas in landscape and sales yard sizes.

Truckload deliveries can usually be arranged within 400 miles.

Visit our nursery this summer.

**FIKE NURSERIES** Hopkinsville, Ky.

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### SPECIMEN EVERGREENS

**SNEED NURSERY COMPANY**

P. O. Box 798 Oklahoma City, Okla.

scriptions of fugitives from justice, bank robbers, etc.

"See anybody you know on the board, Emil?" I says.

"Nope, but there is some good rewards up, it always pays to keep your eyes open."

By that time Geo. Pound had fished out the thimble and handed it to Emil covered with mud, but otherwise in good shape. We dropped in to Steamboat Fultons and had a fish fry as it was getting on towards noon and it was ladies day.

When we come out I noticed one of my front tires was low. Been having a slow leak for a few days, so I says to Emil we better stop in at Reds on the way home and get that fixed otherwise I will get caught someplace with a flat tire.

When we got to Reds, Emil went into the back room by the fire while me and Red was taking off the tire. When Red got thru, he come back and spoke to Emil.

"Emil," he says, "did that bum find your place last night?"

"What bum, Red?" says Emil.

"Last night me and some of the boys was in here playing pinochle after we closed up about 10:30. An old bum, unsteady and bleary eyed, knocked on the door and wanted to know how to get to the Riverbend Nursery. Said he lost his bearings and couldn't figure out where he was. I told him how to get to your place and started him up the highway. About half an hour later he was back again. This time I led him up to the corner and he counted the turns off on his grimy fingers and tipped his hat and started off. By George if he wasnt back again in a few minutes going thru the same routine for the third time. Finally I gave him a good kick in the pants and threatened to call Geo. Pound so he could sober up in jail. That was the last I seen of him and I just wondered if he showed up at your place."

"Nope, he never got to the nursery. Must be he seen my ad in the Gazette, I was advertising for men. He probably laid some place all night in a ditch. Well come on, Charlie, lets get back to work, we have been horsing around all the morning already. Emma will be wondering about the cat."

We drove on home and I dropped Emil at the house while I drove around the corn crib where I usually park my car. As I started walking back to the office I seen somebody stretched out on a pile of burlap, dead to the world. Emil was just coming out of the house so I called him over. "Must be that bum Red was telling about, Emil."

"I dont want any drunken bums hanging around here, might burn the place down. Let him lay there while I go over and get my shotgun. We'll run him off, just wait a minute."

When Emil got back our visitor had turned over a little so we could get a square look at his face. Emil stopped short. "Keep quiet, Charlie," he says, "you know what I think, that looks like one of them pictures on the bulletin board down at the post office, kidnapper or bank robber or murderer. Maybe there is a big reward. You wait here, keep him covered with the gun, while I run down to the post office and get that circular. I'll be right back."

Emil was back in nothing flat with a sheaf of circulars. As our visitor was sleeping off his drunk, Emil

started turning the papers one by one. "This might be him, Charlie," Emil says, as he drew out one sheet. "Wanted for murder of a policeman in South Bend, bank robbery in Kalamazoo and robbing a post office in South Dakota. 5 ft. 11 in., weight 195 lbs., slight limp in right leg, name John Tarpley, alias John Tappin, alias Frank Arpin, alias Dutch Parson, alias Limpy Anson. Dangerous—well armed. Call F.B.I."

"What about his finger prints, Emil," I says. "That would be sure evidence. Lets lift that bottle out of his pocket and take it down to Geo. Pound."

"Geo. Pound, my eye!" snorted Emil. "That old woman wouldnt have the foggiest idea of how to check up on finger prints. We will

## JUNIPERUS VIRGINIANA, 10 to 12 ins., S, \$60.00 per 1000, \$550.00 per 5000.

PFITZER JUNIPER	Per 1000
8 to 12 ins., from pots.....	\$200.00
6 to 8 ins., from pots.....	180.00
10 to 12 ins., XX beds.....	250.00
12 to 15 ins., XX beds.....	300.00
15 to 18 ins., XX field rows, \$40.00 per 100.	

### HOOK'S NURSERY

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Highwood, Ill.

## OAKS

Laurel-leaf	Pin
Willow	Rock Chestnut
Mossy-cup	English
Black	Pyramidal English
Turkey	Scarlet
Variable	Globe

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RASPBERRY, Cumberland Trans.  
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FRENCH LILACS, 3 to 4 ft. and  
4 to 5 ft.  
AM. Highbush CRANBERRY,  
3 to 4 ft. and 4 to 5 ft.  
SPIRAEA V. H., 2 to 3 ft. and  
4 to 5 ft.  
HARD MAPLE, 8 to 10 ft., 1½  
to 2-in.  
SOFT MAPLE, 8 to 10 ft., 1½  
to 2-in.  
LOMBARDY POPLAR, 4 to 5 ft.  
and 5 to 6 ft.  
12,000 PEONIES in variety

**COE, CONVERSE & EDWARDS CO.**  
Nurserymen

Fort Atkinson, Wisconsin

Send for our Surplus List and our Want List.

## ACER PLATANOIDES NORWAY MAPLES

	Per 100	Per 1000
6 to 12 ins. ....	2.50	\$15.00
12 to 18 ins. ....	3.50	25.00
18 to 24 ins. ....	5.00	35.00
2 to 3 ft. ....	9.00	60.00
3 to 4 ft. ....	12.00	100.00
4 to 5 ft., trans. ....	13.50	....
5 to 6 ft., trans. ....	20.00	....
8 to 10 ft. trans. ....	45.00	....
6 to ft., ¾ to 1-in. cal. (straight trunks), per 100, \$75.00. 8 to 18 ft., 1¼ to 1½-in. cal., per 100, \$12.50; per 100, \$100.00. 8 to 10 ft., specimen, 1½ to 1¾-in. cal., per 10, \$20.00; per 100, \$175.00.		

25 per cent cash with order or 10 per cent discount for full cash. All shipment to begin after Oct. 15.

**STATE ROAD NURSERY**  
State and Sprout Rds., R. 1 Media, Pa.

# EVERGREENS SURPLUS SALE

<b>COLUMNARIS GLAUCA</b>	
2000 3 to 4 ft.....	\$1.60
<b>CANAERTI</b>	
2000 3 to 4 ft.....	1.60
<b>BURKI</b>	
1000 3 to 4 ft.....	1.60
<b>HILLI</b>	
1000 3 to 4 ft.....	1.60
<b>VIRGINIANA GLAUCA</b>	
1500 3 to 4 ft.....	1.60
<b>TAXUS HICKSI</b>	
1000 3 to 4 ft.....	1.75
<b>STRICTA</b>	
2000 2 to 3 ft.....	1.40
<b>PFITZERS</b>	
2000 3 to 4 ft.....	1.50
<b>GLOBOSA ARBORVITAE</b>	
1000 18 to 24 ins.....	1.25
<b>PYRAMIDS</b>	
1000 3 to 4 ft.....	1.50
<b>AUSTRIAN PINES</b>	
5000 3 to 4 ft.....	.90
<b>SCOTCH PINES</b>	
3000 3 to 4 ft.....	.90
<b>MUGHO PINES</b>	
2000 2 to 3 ft.....	1.60

Other varieties and sizes at correspondingly low prices. All stock has been well sheared and is in perfect condition.

Prices are quoted in the field, buyers requested to bring their own labor and digging equipment.

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1/2 mile south on Yellow Springs Pike

## SEEDLINGS

We are now booking orders for the following stock. Prices f.o.b. McMinnville, Tenn., boxing and packing at cost.

<b>CYDONIA JAPONICA</b>	Per 100	Per 1000
Flowering Quince Seedlings		
6 to 12 ins., s. whips.....	\$2.00	\$15.00
12 to 18 ins., s. whips.....	2.50	20.00
18 to 24 ins., s. whips.....	3.00	25.00

<b>HAMAMELIS VIRGINIANA</b>	
Witch Hazel Seedlings	
12 to 18 ins., s. whips.....	4.00 30.00
18 to 24 ins., s. whips.....	5.00 40.00
2 to 3 ft. s. whips.....	6.00 50.00
3 to 4 ft. s. whips.....	7.00 60.00

### VINES

We have a limited supply of the following vines:

<b>LONICERA HALLIANA</b>	Per 100	Per 1000
Hall's Honeysuckle		
1-yr., No. 2, Tr.....	\$5.00	\$45.00
1-yr., No. 1, Tr.....	6.00	55.00
2-yr., No. 2, Tr.....	6.00	55.00
2-yr., No. 1, Tr.....	7.00	65.00

<b>VINCA MINOR</b>	
Common Periwinkle	
1-yr., No. 2, Tr.....	6.00 50.00
1-yr., No. 1, Tr.....	7.00 60.00
2-yr., No. 2, Tr.....	7.00 60.00
2-yr., No. 1, Tr.....	8.50 75.00

**Boyd NURSERY COMPANY**  
McMinnville, Tenn.

get the bottle and take it to the police in Lake Park. You ease it out of his pocket, Charlie, and I will rush it over to Lake Park."

"First," I says, "lets get him up on his feet and see if he limps like it says in the circular."

"O.K." says Emil, "Take the bottle first and then get him on his feet."

I shook the old bum a little and lifted him up and held him there, but when I let loose he fell in a heap.

"What did you make out of it, Dr. Watson?" I says. "What did he look like when on his feet?"

"One thing for sure it aint alias John Tarpley. This man aint over 5 feet 6 inches and a hundred fifty pounds. Wait until I run thru these papers again," says Emil.

"It's almost two o'clock, Emil, what about time out for my lunch? Im going over to the office for my lunch pail."

When I got back, Emil had a tape measure laid out checking up on just how tall this gent was. He had another circular laid out on the ground, which he was making comparisons and measurements.

"Looks like we had a desperate criminal on our hands here. This is Linke Larson, alias Olaf the Swede, wanted for kidnapping, answers all the descriptions on the circular—reward \$2500.00. It says Larson has prominent front teeth, and—"

"Wait a minute, Emil," I says. "Dont bank on that, all Swedes have prominent front teeth."

"Protruding left ear, it says. There is an ear like a Missouri mule. There aint no mistake on it, Charlie. This is Linke Larson and it looks like the \$2500.00 is in the bag. I'll take this circular in the office and call the F.B.I. Then we will take him down to the jail for safe keeping."

Emil was gone a half hour. He came out to where I was keeping an eye on the bum. "There is some delay getting the information, Charlie. I'll help you load him in the car and you take him down to the jail."

We piled our delapidated visitor in the back seat, laying him out flat.

"I'll be right down, Charlie, as soon as my call comes thru," says Emil. "Dont let on to Geo. Pound who this is, Charlie, keep that dark until the F.B.I. comes out."

Geo. Pound and I got our passenger into the basement of the City Hall where the village jail is located.

"Well, Charlie, where did you pick up Old Dummy?" says Geo.

"Dummy?" I says. "Do you know this man?"

"Everybody knows the Dummy. He's a town character in Lake Park. If you can catch him sober, he is the



# EVERGREENS

Plant this fall when you and your customers have more time. **WILLIS** evergreens are as good as you can buy at any price, but you don't need to pay high prices.

## JUNIPERUS

<b>Chinensis pfitzeriana</b>	Per 10	Per 100
3 to 3 1/2 ft.....	\$33.00	\$300.00
2 1/2 to 3 ft.....	25.00	225.00
2 to 2 1/2 ft.....	19.00	175.00
18 to 24 ins.....	16.50	150.00

<b>Communis hibernica (Irish J.)</b>	
5 to 6 ft.....	25.00 225.00
4 to 5 ft.....	19.00 175.00
3 to 4 ft.....	15.00 135.00

<b>Excelsa stricta (Spiny Greek)</b>	
18 to 24 ins.....	19.00 175.00
15 to 18 ins.....	14.00 125.00
12 to 15 ins.....	11.00 100.00

<b>Sabina tamariscifolia</b>	
18 to 24 ins.....	19.00 175.00
15 to 18 ins.....	16.50 150.00

<b>Scopulorum, Chandler's</b>	
5 to 6 ft.....	50.00 450.00
4 to 5 ft.....	38.50 350.00
3 1/2 to 4 ft.....	33.00 300.00
3 to 3 1/2 ft.....	27.50 250.00

<b>Scopulorum, Marshall's</b>	
5 to 6 ft.....	50.00 450.00
4 to 5 ft.....	38.50 350.00
3 1/2 to 4 ft.....	33.00 300.00

<b>Virginiana keteleeri</b>	
5 to 6 ft.....	44.00 400.00
4 to 5 ft.....	33.00 300.00

<b>Virginiana, Nevins' Blue</b>	
5 to 6 ft.....	44.00 400.00
4 to 5 ft.....	33.00 300.00

<b>Virginiana pyramidiformis hilli</b>	
5 to 6 ft.....	44.00 400.00
4 to 5 ft.....	33.00 300.00

## THUJA

<b>Orientalis (Chinese A. V.)</b>	
4 to 5 ft.....	22.00 200.00
3 to 4 ft.....	16.50 150.00

<b>Or. Aurea nana (Berckmans Golden)</b>	
2 to 2 1/2 ft.....	19.00 175.00
18 to 24 ins.....	14.00 125.00
15 to 18 ins.....	11.00 100.00

<b>Orientalis Excelsa</b>	
4 to 5 ft.....	27.50 250.00
3 to 4 ft.....	19.00 175.00

This shows only a small part of our assortment. Send for complete list.

## THE WILLIS NURSERY COMPANY

Ottawa

Kansas



### THE ATLANTIC NURSERIES, Inc., Berlin, Md.

have the following specials in extra-fine nursery-grown stock:

**Hickory laciniosa and ovata**, 6 to 12 ins. and 12 to 18 ins.  
**Juglans nigra**, 12 to 18 ins., 18 to 24 ins. and 2 to 3 ft.

**Tulip Trees**, 12 to 18 ins., 18 to 24 ins., up to 4 to 5 ft. tps.

**Lonicera heckrotti**, tps., 3 to 4 ft.

**Malus coronaria**, 12 to 18 ins., up to 2 to 3 ft.

**Photinia villosa**, 2 to 3 ft. to 4 to 5 ft. tps.

In Oaks, we have white, bicolor, falcata, lyrata, nigra, prinus, phellos, rubra and English; 2-yr. S. 6 to 12 ins. and 2 to 3 ft. This is as nice a block of Oaks as you will find anywhere in the country.

**Wistaria frutescens, japonica, chinensis**, white and blue, 18 to 24 ins. and 3 to 4 ft. These are splendid seedlings.

These are just a few of the items we have for Fall. We would be pleased to quote you prices on any of the above and would like to have your Want List. Our Trade List will be out early in September and we shall be glad to send you one.

D. W. Babcock, Manager

### SPECIAL FOR FALL 1944 ONLY

In lots of 50 or more.

**MAHONIA ACQUIFOLIUM**, Each

15 to 24 ins., B&B.....\$0.68

**PYRAMIDAL ARBORVITAE** from

seeds. These run fat and chunky.

2 to 3 ft..... 1.10

**PYRAMIDAL ARBORVITAE**,

Regular heavy grade.

2½ to 3 ft..... 1.35

Truckloads only. Cash F. O. B. our Nursery.

**SHEPARD NURSERIES**

Skaneateles  
New York

### BARBERRY PRIVET And Other HEDGE PLANTS

Write Us

**JACKSON & PERKINS COMPANY**  
Newark, New York

### Old English BOXWOOD

(Wholesale Only)

All slow-grown dense specimens. Red clay soil. Priced by height and spread. 18x12 ins. to 24x22 ins. in unlimited quantities. Also large specimens up to 5 ft. Write for price list.

**BOXWOOD GARDENS**

Mrs. R. P. Royer

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### Wholesale Growers of SMALL FRUIT PLANTS

Grapes, Currants, Gooseberries,  
Raspberries—our specialty.

**FOSTER NURSERY COMPANY, INC.**  
60 Orchard St., Fredonia, N. Y.

### NORTHERN COLLECTED EVERGREENS

Hardy, well rooted. *Abies balsamea*,  
*Thuja occidentalis*, *Tsuga canadensis*.

Priced per 1000. Cash.

3 to 6 ins. .. \$ 6.00 9 to 12 ins. .. \$18.00  
6 to 9 ins. .. 10.00 12 to 18 ins. .. 25.00

Write for new list.

**WILLIAM CROSBY HORSFORD**, Charlotte, Vt.

best man around on clogged sewers. In fact, they been calling up for two days, they want him at the grade school in Lake Park."

I went out on the street to wait for Emil. He showed up just as the clock was striking four o'clock.

"I got him in the clink, Emil, now what?" I says.

"The F.B.I. told me that the Swede was executed 6 years ago," says Emil. "The date on that circular was 1935. Im going over to the post office right now and put in a complaint. Im going to tell old Carl what I think of him and his whole doggone moth caten outfit."

"Better let well enough alone, Emil," I says. "We just got time to get up to Mrs. Morse's and check up on how long that honeysuckle hedge will have to be. Some of these days we got to execute a plan for the old lady."

### SOME OPPORTUNITIES IN HARDY BULBS.

[Concluded from page 12.]

ments and the extra green spot at the base of the tube proclaim its relationship to *G. elwesii*, and its pleated leaves as they unfold indicate its relationship to *G. plicatus*. In fact, the books tell us that it is probably a natural hybrid between these two worthies. The last-named would be worthy of cultivation if for no other reason than its late flowering, which gives us a week or more, usually more if the weather does not turn hot. It has never prospered here as I should like, probably because our soil is too light for a bulb that is used to the good rich loam of the Crimea. It has repaid in some cases for the addition of clay to its homesite. In sections with heavier soil (a clay loam is suggested) it is said to spread with gratifying rapidity.

I should like to add, before closing these snowdrop notes, that increase of stock from happily situated plants is not the slow process usually supposed. If the bulbs are dug while dormant and planted back immediately, there should be few losses. One reads in amateur publications that the best time to increase the stock is while it is in flower, taking up portions of the clumps on a trowel with a ball of soil adhering. But that would be inadequate for commercial propagation, even if it were successful, which I cannot vouch for. Seeds planted outdoors as soon as ripe or in autumn at the latest furnish the best means of increase. Their seedbed should be chosen as to sun exposure according to kind. Otherwise, they are as easy as any other of the small bulbs.

### FRUIT TREES SHRUBS - EVERGREENS

We offer a fine assortment of 2-yr. shrubs, bushy, well rooted, twice transplanted; Evergreens three times transplanted, properly sheared.

We need 2-yr. Dwarf Pear and Apple.

Write for our Surplus and Want List.



**MALONEY BROS.  
NURS. CO., INC.**  
Danville, New York

### KELLY'S FRUIT TREES

Send us your Want  
and Surplus List.

Our 65th Year.

**KELLY BROS. NURSERIES, INC.**  
Danville, N. Y.

### FRUIT TREES AND SMALL FRUITS

### HARRISON BROTHERS NURSERIES

G. Hale Harrison, General Manager  
BERLIN, MARYLAND

### MAZZARD CHERRY SEED

Collected from Selected Trees.

Seedlings are now profitable to grow, as they are worth from \$25.00 to \$35.00 per 1000 and trees selling from \$1.00 to \$2.00 each.

Seedling Peach Seed.  
California Peach Seed.  
Native Seed.

Write us.

### VIRGINIA TREE FARM

Woodlawn, Carroll County, Va.

### PRINCETON NURSERIES of PRINCETON, N. J.

SUPERIOR  
Hardy Ornamentals

## BOBBINK & ATKINS

Nurserymen and Florists

America's Leading Specialists in:—

**Deciduous Azaleas**

including the best named varieties of Mollis, Pontica and Rustica

**Hybrid Rhododendrons**

20 leading varieties

**Dogwoods**—pink and white

**Ginkgos and Lindens**

**Vines**

Headquarters for English Ivy

**Perennials and Roses**

in varieties not obtainable elsewhere

Write for Catalog

Paterson Ave.

E. Rutherford, N. J.

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For Fall 1944

EVERGREENS—In a large assortment of PYRAMIDAL ARBORVITAE, PFITZER JUNIPER and YEW in grades at attractive prices. SOME LARGE SPECIMEN EVERGREENS, SHRUBBERY, SHADE TREES, BARBERRY 2-yr. transplanted, both red and green in grades.

CALIFORNIA PRIVET, 2-yr. in grades. APPLE, 11 to 16 ins. to 1½-inch caliper, 3 and 4-yr. budded trees, good assortment.

Mail want list for prices.

THE WESTMINSTER NURSERIES  
Westminster, Md.

## Evergreens

Barberry

Privet

Write for wholesale price list.

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Rocky Hill, Conn.

## PRIVET and BERBERIS

Splendid Stock

Write for Special Quotations

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GENEVA, N. Y.

## BURR

Leading wholesale source for Nursery Stock.

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**C. R. BURR & CO., INC.**  
Manchester, Conn.

## JUNIPERUS SABINA TAMARISCIFOLIA.

The Tamarix Savin juniper is common in the trade and is probably known to all the readers of this magazine. It is a low-spreading, narrow-leaved evergreen, having bright green leaves and attaining a height of about a foot and one-half to three feet at maturity. It is much more uniform in its habit of growth than the common Savin juniper. It loses most of the vase-shaped habit of the species and develops with a full center. Its branches are horizontal-spreading, and the whole plant becomes an interesting specimen.

Several years ago when the Tamarix Savin juniper first became common in the trade, it appeared to be a fine addition to our rather limited list of low-spreading junipers. This was true as far as the habit of growth was concerned. Unfortunately, however, this plant was found to be one of the most susceptible of all the junipers to juniper blight. If it were not for this disease, it certainly would be used frequently in foundation and border plantings. At the present time, I would say that it should be used only in sections where the blight is not troublesome.

Juniper blight causes considerable damage to small plants in the nursery and in landscape plantings. Infection takes place at the tips of the branches during wet or cloudy periods, and the fungus spreads downward beneath the bark and eventually the twig, branch or even the entire plant is killed. The most feasible recommendation that can be given for the control of juniper blight consists of discarding the susceptible species and varieties and using only the more resistant types. Some degree of control can be obtained, however, by regular removal of the blighted tips and a periodic spraying throughout the growing season with fixed copper sprays or Bordeaux mixture.

The Tamarix Savin juniper, where it can be grown with a reasonable degree of satisfaction, will do well in the average garden soil. In fact, it will tolerate poor soil and give a good account of itself. It should be used in sunny exposures. Besides the juniper blight, it is attacked by other pests common to most of the junipers, such as red spider and scale. Propagation is by cuttings, which root readily.

In regions where this narrow-leaved evergreen can be recommended, it can be used as a foundation plant, for borders or for evergreen beds. It can also be planted on banks in a mass planting or used along steps to break harshness of masonry. L. C. C.

**EVERGREENS**—In a large assortment of Thuja, Juniperus, Chamaecyparis and Taxus.

**LARGE SIZES**—Cryptomeria, Arborvitae, Pine and Moss Cypress.

**SHADE TREES**—Linden, Norway Maples, Oriental Planes, Oak and Ginkgo.

**ORNAMENTAL**—Flowering Cherries, Crab Apple and Beeches, named varieties.

## BAGATELLE NURSERY

Half Hollow Hills

P. O. Huntington Station, N. Y.

**Rhodos**  
BOTH NATIVE  
AND NURSERY GROWN  
**KALMIA AZALEAS**  
Hemlocks AND Pieris  
*La Bars'*  
STROUDSBURG PA.

## KOSTER NURSERY

Azaleas, Rhododendrons, Taxus, Junipers, Lilacs, Maples, Dogwood and other items in lining-out and smaller specimen sizes.

For complete line refer to issue of February 15 or March 1, 1944, or write for our price list.

Division of

**SEABROOK FARMS**

Bridgeton, N. J.

## LINING-OUT STOCK

**HESS' NURSERIES**

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**BOWLES****Variety of Vinca Minor**

Large blue flowers.  
Excellent ground cover.

Field-grown, 6 to 10 runners.  
\$12.00 per 100.

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**PYRAMIDAL  
ARBORVITAE**

2 to 3 ft., 3 to 4 ft.,  
4 to 5 ft.

In ear lots for fall or spring  
delivery. Write us for prices.

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**Northern-grown Stock**

Specimen Evergreens  
B&B

Evergreen Liners

Ornamental Shrubs  
and Shade Trees

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St. Paul 6, Minn.

**Lining-out Evergreens**

Good assortment of standard varieties.  
Price list on request.

**SCOTCH GROVE NURSERY**  
SCOTCH GROVE, IOWA

**COLORADO BLUE SPRUCE**

Transplants from Select Seeds—  
8 to 15 ins.

\$10.00 per 100 \$45.00 per 500

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New London, Wis.



Wholesale growers of the best  
Ornamental Evergreens,  
Deciduous Trees,  
Shrubs and Roses.

Write for our current trade list.

**THE KALLAY BROTHERS CO.**  
Painesville, Ohio

**BURTON'S**

HEADQUARTERS FOR  
EVERGREEN GRAFTS, TRANSPLANTED  
EVERGREENS, SHRUB LINERS.  
RAKE ITEMS YOU DO NOT  
FIND IN MOST LISTS! Write!

**HILLTOP NURSERIES**  
CASSIDOWN, OHIO

**ALL-AMERICA ROSES.**

"Glowing new colors and forms characterize the All-America rose selections for 1945 introduction," reports W. Ray Hastings, Harrisburg, Pa., secretary of All-America Rose Selections, Inc. One has an outstanding fragrance, with a deep, rich, blackish crimson red color. Another continuous bloomer has satiny salmon-pink blooms which glow in artificial light, as well as in daylight. The third is a big cluster-flowering all-season floribunda rose of cinnabar red, and its unique form is that of a camellia.

Many proposed new varieties have completed their 2-year tests in the fifteen official test and demonstration gardens, representing different climatic sections of the United States. Several were quite good, and some did better in certain locations than in others. However, from frequent scorings from the most experienced accredited judges over the 2-year testing period, three varieties averaged higher scores and received more meritorious comments than any of the rest.

These new roses may be ordered now, and dealers are urged to place their orders as soon as possible, as the rose crop is only about one-third of its former size this year, and the new varieties will go especially fast because of the scarcity and high prices of the old standard kinds. Plants of the first year's limited supply may be ordered from or through any reliable grower or dealer in rose plants. Plant deliveries can be made from digging time in the late fall until spring, and every plant will be tagged or labeled with its variety name.

Mirandy, an extremely dark red rose with blackish shading and most abundant perfume, was the highest average scorer over the country. Its double blooms of forty to fifty petals are borne singly on strong stems; it produces large ovoid to long-pointed buds and big, full, high-centered blooms of good lasting quality. Mirandy holds its rich crimson color in sun, dulling slightly in wet, cool weather. Abundant protective dark green, leathery, disease-resistant foliage on vigorous, upright, bushy plants allows for free to profuse blooming continuously through the season, instead of intermittently, as with most hybrid tea roses. One judge reported some black spot, and another on the Pacific coast reported rust, but others reported Mirandy to be disease-resistant. This rose was named for the attractive and popular Pacific coast radio celebrity, Mirandy.

Horace McFarland is a new salmon-

**EVERGREENS****FOR EARLY FALL SHIPMENT**

A wide assortment of well finished stock, including an exceptionally good lot of Pfitzer Juniper.

**PFITZER JUNIPER**

Heavy well shaped plants Per 10 Per 100  
18 to 24-in. spr. B&B.. \$17.50 \$160.00  
24 to 30-in. spr. B&B.. 22.00 200.00  
30 to 36-in. spr. B&B.. 27.50 250.00

Write for our preliminary price lists on Evergreens, French Lilacs and Peonies, which are now ready.

**BRYANT'S NURSERIES**

ARTHUR BRYANT & SON  
PRINCETON ILLINOIS

**PFITZERS****An outstanding planting  
of Finished Trees.**

24 to 30 to 36 ins.  
also smaller sizes.  
Beautiful stock B&B

Shipment in moss, if preferred, individually wrapped or bulked.

Also Tamariscifolia, various Pines, Concolor Fir, Colorado Blue Spruce, Colorado Silver Cedar, etc.

**HIGH VALLEY FARM**

Colorado Springs, Colo.

**Well Rooted Lining-Out Evergreens  
JUNIPERS**

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Globe and Pyramidal Arborvitae

3 Sizes—From Benches—Once Transplanted. Our Own Propagation. Write for List.

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**FROSTPROOF APPLE**

The apple tree of the future has been originated. If interested in raising this apple tree, write to

**MAX NURSERY**

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Wholesale and Retail

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FLOWERING CRABS—EVERGREENS (Taxus a specialty) — PEONIES and a general line of Ornamentals.

Lining-Out and Finished sizes.

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**SMALL FRUIT PLANTS**

Evergreens — Shrubs

Lining-out Stock

Send for Complete Trade List

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## EVERGREENS

Available in quantity.

**Taxus cuspidata** 18 to 24 ins., 2 to 3 ft.  
**Keteleer Juniper** .2 to 3 ft., 3 to 4 ft.  
**Pfitzer Juniper** 15 to 18 ins., 18 to 24 ins.  
**Irish Juniper** . . . . .2 to 3 ft., 3 to 4 ft.  
**Swedish Juniper** . . . . .2 to 3 ft., 3 to 4 ft.  
**Greek Juniper** 15 to 18 ins., 18 to 24 ins.  
**Savin Juniper** . . . . .2 to 3 ft.  
**Norway Spruce** . . . . .2 to 3 ft., 3 to 4 ft.  
**Scotch Pine** . . . . .3 to 4 ft., 4 to 5 ft.

Our trade list will soon be ready. In the meantime, please write for prices.

**I. E. ILGENFRITZ' SONS COMPANY**  
 Monroe, Michigan

## APPLE AND PEAR GRAFTS

We expect to put up a few thousand Apple and Pear grafts for the trade this coming winter on both Kansas and Washington-grown seedlings.

### SURPLUS TREES

We also have a nice surplus of American Ash, Lombardy Poplar, Chinese Elm and Redbud from 6 to 8 ft. and up to 3 ins. in caliper.

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## GOOD TEXAS-GROWN

Junipers — Arborvitae — Flowering Shrubs — Broad-leaved Evergreens — Hollies — Wistarias — Roses.

Cold resistance is inherent in the variety rather than in the locality where it may be grown.

**VERHALEN NURSERY COMPANY**  
 Scottsville, Texas  
 Wholesale Only

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**PINUS MUGHUS—MUGHO PINE**

Three times transplanted.

### Specimen Plants

18 to 24 ins. 24 to 30 ins.

\$1.25 each

Balled and Burlapped at the Nursery.

## SHADE'S NURSERY

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 On Rt. 22, 5 miles east of Harrisburg

We have a substantial surplus of ornamentals:  
**SHRUBS, SHADE AND FLOWERING TREES**

Send your Want List for quotations.

**PONTIAC NURSERIES**  
 Romeo, Mich.

pink rose, the third variety named for the celebrated rosarian, now in his eighty-fifth year. The others are Editor McFarland and The Doctor. All are shades of pink. This new variety has large, rather long-pointed buds of copper pink, opening to large full blooms with thirty to forty petals which drop cleanly when finished. The blooms open orange-salmon, paling to orange salmon pink. Lasting quality is good, and blooms come mostly singly on medium-length stems, although frequently several blooms will form on a stem. For larger, finer buds and flowers, such side buds may be pinched off. Abundant leathery, normal green foliage of medium size on upright bushy plants provides rather continuous blooming through the season, although most profuse in spring. It is a free to abundant bloomer, with moderate fragrance. Most judges found the plants of Horace McFarland disease-resistant, although the northern California coast conditions produced some rust. One judge reported some black spot, and two judges reported mildew.

Floridora, the third All-America rose for 1945, brings a new color and form to the cluster-flowering floribunda roses. Being crosses between the large hybrid tea and the polyanthus or small cluster type, floribundas are usually considered the larger-flowered and tall-growing hybrids. They have the height and erect habit of hybrid teas and are much more profuse in blooming all through the season. They are primarily garden varieties, extremely colorful in beds, hedges or other mass plantings, although the buds are of lapel buttonhole size, and flower clusters are medium-size ovoid buds and flowers of cinnabar red, a distinct and unusual shade of tangerine orange or orange scarlet, difficult to describe. The flowers are beautiful and rich in color, carrying thirty to thirty-eight petals, with slight, if any, perfume. The full open flowers are medium-size and high-centered, with petals uniformly lying back in camellia-like form. Foliage is abundant, glossy, leathery, dark green, with bronzy-red bark and twigs, resistant to disease. Growth is vigorous and upright, with the plants averaging three and one-half feet high and being hardy. Floridora's one bad feature is holding its petals too long, or not dropping them cleanly. This makes it appear to fade and discolor, when the flower is actually old and finished. Its substance or lasting quality is thus too good.

## HOBBS OFFER:

**ELM—MOUNTAIN ASH**  
**BIRCH**, Cut-leaf Weeping.  
**WHITE DOGWOOD—GINKGO**  
**NORWAY and SOFT MAPLE**  
**PIN, RED, BUR, WHITE OAK**  
**LOMBARDY POPLAR**  
**SWEET GUM—CRATAEGUS**  
**THURLOW WILLOW—REDBUD**  
**BARBERRY**, Green and Red.  
**BEAUTY BUSH**  
**PRIVET**, Amur and Ibota.  
**EVERGREENS**, up to 6 feet.

**C. M. Hobbs & Sons, Inc.**  
 BRIDGEPORT INDIANA  
*Oldest and largest Nursery in Indiana.*  
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## Red Lake Currants

## RED RHUBARBS

MacDonald and Canada Red.

## MAY DAY TREE

**ANDREWS NURSERY CO.**  
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## WE GROW—

A complete line of Berry Plants, Grapes, Currants, Rhubarb and Asparagus.

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## EVERGREENS

Growers of Quality Evergreens  
 Lining-out Stock a Specialty  
 Write for Trade List.

**EVERGREEN NURSERY CO.**  
 Established 1904 • STURGEON BAY, WIS.

# Summer Meetings

## INDIANA MEETING.

The annual summer meeting of the Indiana Association of Nurserymen was held August 16 at the nursery of C. M. Hobbs & Sons Co., at Bridgeport.

After the meeting had been called to order at 2 p. m. by the president, Floyd Bass, a new vice-president was elected, DeVol Ernst, of Muncie, to fill the unexpired term of Homer Wiegand.

Prof. Laurenz Greene invited the association to Purdue University for the winter meeting. It was agreed that the winter convention would be held there, but the date was not set.

The president described the new membership application forms while they were passed around, and the members were urged to keep some of these forms in their offices at all times and secure as many new members as possible.

An informal discussion followed, and each guest was called on for comment on general conditions in his locality. Of course, the most mentioned were the drought and labor. Nurserymen were urged to raise their prices, as cheap labor is gone for a number of years in the nursery business, and they should adjust themselves accordingly. Scarcity of fruit stock was mentioned and loss of lining-out stock, because of weather conditions. Strawberries and cane fruits will also be scarce. Much discussion followed on irrigation and its equipment. Prof. C. L. Burkholder, of Purdue University, gave us a fact worth remembering; it takes 27,000 gallons of water to the acre for an inch of water. Scott McCoy, of Technical high school, told us a birch tree fifteen inches in diameter evaporates 750 gallons of water during a growing season.

Prof. J. A. McClintock told us that his talk on virus diseases at the winter meeting was still not ready for publication. He stated that the university is working on a process of elimination of cedar rust. In closing he quoted a tribute to Homer Wiegand.

A vote of thanks was given to the Hobbs for a pleasant day in all.

Mary L. Stum, Sec'y.

EVERETT S. HENDERSON, formerly manager of the Aiken Nurseries, Putney, Vt., has accepted a position as head of the retail correspondence department of the Burgess Seed & Plant Co., Galesburg, Mich.

## VIRGINIA MEETING.

Through the cooperation of the officials at Virginia Polytechnic Institute, the annual summer meeting of the Virginia Nurserymen's Association was held on the campus, August 6 to 8, and the members attending were quartered in the barracks at Blacksburg. The meals were obtained at the college dining hall, and even the banquet was held in an adjoining room. The membership was unanimous in its praise of the excellent cooperation of the faculty at V. P. I.

Registration began Sunday afternoon, August 6; after dinner those present were entertained by visits to the trial gardens and the beautiful mountain scenery on all sides.

Monday morning the meeting was called to order by President David Laird and the members were introduced.

Owen G. Wood, past president of the A. A. N., presented his views on the proposed action of the Virginia

conservation commission to grow trees for highway beautification. Mr. Wood compared the cost of growing trees by private nurseries with the cost of trees grown by the state and pointed out the fallacies in cost publications of the state. Mr. Wood expressed his unalterable opposition to the program and urged all the members to defeat the project.

E. C. Clark pointed out that two per cent of all highway funds are earmarked for landscape work. At the conclusion of Mr. Wood's speech, Fred Leissler suggested that each member contact his congressman or state legislative delegate and express his disapproval of this proposed program.

President Laird reported on the committee meeting of the V. N. A. representatives, D. E. Laird, S. N. Griffiths and J. B. Watkins, and the conservation commission's represent-



**SHERWOOD NURSERY CO.**  
EVERGREENS - Propagators & Growers  
141 S. E. 65th Ave., PORTLAND, ORE.

## STEMLESS GENTIAN

(*Gentiana acaulis clusii*)

The blue gentian, celebrated by tourists in the Alps, is among the most desirable of alpine plants. It was introduced into English gardens many years ago and has always been an inviting plant to grow. A small evergreen growing to a height of 2 to 3 inches, and 6 to 8 inches across. The plants are covered with enormous short-stemmed, trumpet-shaped flowers, 2½ inches or more in length, of the marvelous deep, pure, gentian blue which is one of the finest, most delightful blues in all nature. Single plants frequently produce 12 or 15 of these flowers of great size. Blooms heavily in the spring. The blue gentian is a plant so beautiful and interesting that it fully repays any trouble in growing. It is hardy and very permanent when once established.

## 50 ACRES OF SPLENDID NURSERY STOCK

**ARBORVITAE**, Pyramidale, Woodwardi, Beverleyensis, Berckmans, Lobbi, Hoveyi, Wareana, Compacta (Green and Golden).

**CEDAR**, Atlantica Glauca, Deodara.  
**CYPRESS**, Alumi, Erecta Viridis, Wisconsin.

**JUNIPERS**, Irish Fastigiata, Keteleeri, Meyer, Pfitzeriana, Sabina, Sabina Variegata, Spiny Greek, Tamariscifolia.

**PINE**, Mugho.

**RETINOSPORA**, Crippel, Squarrosa, Plumosa, Filifera, Hinoki (Green and Golden).

**SPRUCE**, Kosteriana.

**YEW**, English Golden, English Green, Oriental Spreading, Oriental Upright, Irish.

**BROAD-LEAVED**, Pink Dogwood, Azalea, Camellia, Magnolia, Daphne, Oriental Laceleaf, Maple, etc.

## MOUNTAIN VIEW NURSERIES

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## Headquarters for...

Fruit and Shade trees with vigorous roots and sturdy stems.  
Flowering trees, Weeping trees.  
Shrubs, Roses, Small fruits.

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Route 4 Hillsboro, Oregon

## NOTICE

Decreased production makes it impossible to book orders for new customers. For the duration the limited supply is reserved for our regular trade.

**HOWARD ROSE CO.**  
Hemet, California

## STREET AND SHADE TREES

In carlots only

First-class 4 and 5-yr.-old straight American Elm, Western Hackberry, Sycamore and Sweet Gum, 1½-in. to 3½-in., and natural-grown 2 to 4-yr.-old Eastern Redbuds, 1-in. to 2½-in. Write for advance wholesale prices.

## THE CLASSEN COMPANY NURSERY

301 Terminal Bldg.  
Oklahoma City 2, Okla.

atives, Senator W. A. Wright, H. J. Neale and George W. Deane. Mr. Laird vigorously denounced the state conservation commission's attitude, which forces the nursery industry to compete with a tax-supported agency. No definite results were obtained except the commission's agreement to send a representative to the nurserymen's convention. Mr. Nicar, who was selected, addressed the V. N. A. Tuesday morning and answered some of the questions advanced by the members. Mr. Wood moved that the V. N. A. go on record as being unalterably opposed to the proposed program of state-grown trees and/or ornamental shrubs being produced for highway beautification. The motion passed unanimously.

President Laird appointed a committee to take charge of the V. N. A. program to combat the program. The committee is John Williams, S. N. Griffith, W. R. Shelton, S. H. Thrasher, D. E. Laird and Owen G. Wood.

Discussion was conducted on the best uses to which the new testing grounds could be put, to ascertain the services and information that would be most useful to members. E. M. Quillen stated that he believed the information should cover a varied field, such as disease resistance, hardiness and climatic reactions.

A committee consisting of H. M. Thrasher, H. B. Wharton and E. M. Quillen was appointed to meet with Dr. Drinkard and make up a program for the testing grounds. A. G. Smith explained the method employed at his rose-testing grounds and the relationship between the extension service and the collaborators.

Mr. Smith then introduced Mr. Hodgson, who made a short talk on soil conservation. Mr. Hodgson stressed the fact that soil conservation is the duty of every citizen and landowner and not simply the responsibility of the soil conservation experts. He stated that over 100,000,000 acres of soil in the United States had been rendered absolutely worthless for agricultural purposes by wind and soil erosion. Much more than this is in the process of becoming worthless. He explained the procedure of the Soil Conservation Service and described the steps to take to receive its aid.

Prof. A. H. Teske presented a series of motion pictures to illustrate his lecture on "Rodent Control." Professor Teske described methods of devising new poisons for the control of rats and mice while the old standard brands are so scarce.

R. P. White, executive secretary of the A. A. N., made a comprehen-

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### Quality Stock

CONIFERS AND BROAD-LEAVED  
EVERGREENS  
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Cutleaf Weeping Birch  
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Single and Double Weeping Cherry  
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Paul's Scarlet Hawthorn  
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Pin. Red and Scarlet Oak  
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2-year and 3-year-old trees—  
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Wholesale Only

#### GOOD WESTERN-GROWN NURSERY STOCK

Fruit Tree Seedlings  
Flowering Ornamental Trees  
Shade Trees

Grown right and packed right.  
Combination carloads to Eastern  
distributing points will save you  
on freight.

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MILTON—Since 1878—OREGON

#### OUR SPECIALTIES

Birches—Flowering Cherries, Crabs and  
Plums—Chinese Elm—Hawthorns—Li-  
lacs—Lindens—Flowering and Globe  
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Schwedler Maples—Mountain Ash—Ore-  
gon Grape—Oriental Plane—Willows.

SEND US YOUR WANT LIST  
FOR QUOTATIONS

Combination Carloads to Eastern dis-  
tributing points at minimum freight  
cost.

### AS ALWAYS— OREGON'S BEST SOURCE of GOOD ROSES

Our limited crop is reserved [for  
our regular customers this year.

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Wholesale Rose Growers  
Scappoose, Oregon

### OREGON-GROWN NURSERY STOCK

We have a complete line of shade and  
flowering trees, both whips and heavier  
branched stock.

Weeping and Upright Flower-  
ing Cherries, Flowering Crabs,  
Plums and Locusts, Norway,  
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Elm—Mountain Ash—Birch—  
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Specializing in fruit tree seedlings  
since 1914. We also have Norway  
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Weeping Birch, Paul's Scarlet Haw-  
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WE COVER THE 3 PACIFIC  
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SUNSHINE. Been doing it 11 YEARS.

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Wood—Plain, Painted and Printed.

A postal card will bring our DE-  
LIVERED PRICE LIST.

R. R. RICHARDSON, Manufacturer-Wholesaler  
3314 W. Washington Blvd.  
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**PEACH  
PITS****5 Reasons for Buying**

- (1) 4500 seeds to bushel. (2) Uniform size. (3) High per cent germination. (4) Outstanding vigor and growth. (5) Used and recommended by leading nurseries of the United States.

Sacked in good bags. Samples on request. Terms, cash. Seeds are scarce, so **ORDER NOW.**

All seeds F.O.B. Stephenville, Texas; Amity, Arkansas; or McMinnville, Tennessee. All orders shipped from nearest point. Address all orders to Wolfe Nursery, Stephenville, Texas.

No. Bu.	Per Bu.
1 to 9.....	\$3.00
10 to 24.....	2.75
25 to 99.....	2.60
100 or over.....	2.50

Wire, Phone or Write.

**WOLFE NURSERY**

Stephenville, Texas

**MYROBALAN SEED****LOVELL PEACH PITS**

Nation's Leading Source  
Write today for quotations.

  
**California**  
NURSERY COMPANY  
Niles, California

**PEACH PITS**

1944 Lovells from orchards of the great California Peach Bowl.

Write for prices.

**GRAY NURSERIES**

Sacramento Co. CALIF.  
ELVERTA,

**PEACH PITS**

THE  
Howard-  
Hickory  
Company

Hickory, N. C.

sive report on the activities of the American Association of Nurserymen, and the plans for the future. He predicted a tremendous postwar boom in the nursery trade. He touched on the proposed living memorial idea, which is attaining widespread popularity. Speaking briefly on the previously discussed subject of state-grown trees for highway beautification, he quoted a paragraph from a report made by Senator H. F. Byrd decrying the inclination of state and federal agencies to compete with private industry.

The banquet speaker was Dr. Harry M. Love, who addressed the group on the problems of inflation, accentuating his practical and timely speech with numerous amusing anecdotes.

New officers elected were: President, S. N. Griffith, and vice-president, Fred Leissler. Max C. Lindsay was reelected secretary and treasurer.

Tuesday morning, Dr. Walter S. Flory spoke on the various improvements in fruit strains and later conducted a round-table discussion on new materials and practices in the fruit industry. He explained the varying success and failure experienced in bud selection propagation. Several members described results of soil and fertilization variance in relation to improved growth and bloom of ornamental stock.

H. L. Dunton described the activities of the land army and discussed the use of this labor element at length. Max C. Lindsay, Sec'y.

**NEW JERSEY SUMMER  
MEETING.**

One of the best attended summer meetings of the New Jersey Association of Nurserymen was held August 17 at the Lovett's Nurseries, Little Silver, N. J., at which nearly 100 were present.

The principal speaker was W. H. Martin, dean and director of Rutgers University and the New Jersey agricultural experiment station, whose topic was "Looking Ahead." Dr. Martin pointed out that the nursery industry is in a far more favorable position than other branches of agriculture and will be one of the first to recover from the effects of the war. The tremendous number of new homes, parks and parkways and memorials that no doubt will be built after the war will require a large amount of planting material, he said. Dr. Martin advised nurserymen to get their houses in order as rapidly as possible and to get on a cash basis. He urged them to pay off

## 1944 Crop California Lovell

**PEACH PITS**

	Per Bu.
1 to 9 bushels .....	\$3.00
10 to 24 bushels .....	2.75
25 to 29 bushels .....	2.60
100 bushels or more .....	2.50

These seeds average approximately 4,500 seeds per bushel. We handled and sold 2 cars of these seeds in the fall of 1943, and have many repeat orders and requests for these same seeds for this fall planting.

We doubt that we will have any natural seedling Peach Pits to offer this season due to short crop and labor shortage. Shipment will be made as soon as car reaches us from west coast in September. Sacked and F.O.B. our shipping point. Terms: Cash with order or net 10 days from date of invoice.

**FOREST NURSERY CO., INC.**

McMinnville, Tenn.

**PEACH PITS**

'44 Crop Lovell  
4500 seeds to bu., 100-lb. bags. 2 to 1000 bushels F.O.B. Cleveland, Tenn.; Winchester, Tenn.; Higginson, Ark.; Sherman, Texas; Bridgman, Mich.

'43 Crop Lovell  
200 bu. surplus now ready at Cleveland.

'44 Southern Naturals  
A very few — crop short — ready September.

'44 or '43 Elberta surplus, 200 bu., now ready at Cleveland. Write, wire or phone No. 9W for attractive prices. Will exchange pits for fruit trees and small fruits.

TENNESSEE NURSERY CO., Box 1, Cleveland, Tenn.

**Send for New Seed List.****A. B. C.****"Supreme" Quality**

SEEDS — PLANTS — BULBS  
and  
Growers' Accessories

**AMERICAN BULB CO.**

1335 W. Randolph St. CHICAGO 7  
31 W. 27th St. NEW YORK 1

**LAWN GRASS SEED****HIGHEST QUALITY**

	Bag	100 lbs.
Select Lawn Mixture .....	112 lbs.	\$28.00
Kentucky Bluegrass .....	112 lbs.	31.50
Redtop, fancy silver seed, 100 lbs.		18.50
American Rye Grass .....	100 lbs.	12.00
Perennial Rye Grass .....	100 lbs.	23.00

**A. H. HUMMERT SEED CO.**  
2746-48 Chouteau Ave. St. Louis, Mo.

**North Dakota and Montana Seeds**

Northern-grown Tree, Shrub  
and Wild Flower seeds.  
Wholesale crude botanicals.

**E. C. MORAN** Stanford, Mont.

**RAFFIA**

FOR FLORISTS AND NURSERYMEN

Best quality. Low prices.

Write for prices.

**NEW AMSTERDAM CO.**

123 Chambers St. New York 7, N. Y.

as many of their debts as possible in order to be able to meet better the rapid changes which will occur in the postwar period.

Dr. Bailey B. Pepper, acting head of the department of entomology at Rutgers, spoke on "DDT and Other Promising Insecticides." He pointed out that nurserymen should not expect DDT to be the answer to all their insecticide problems. This material is not so effective in the control of red spider and bagworm as are some older materials.

Lindley Cook, extension soil conservationist, described a number of ways in which nurserymen could conserve and build up their soils. Among these were crop rotation, use of cover crops and contour planting.

Those in attendance were guests of the Lovett's Nurseries at an all-day recreational event during which cooling drinks and food were served. The entire membership adjourned to the Willow Brook Inn, Fair Haven, for dinner.

Among the out-of-state guests were Howard Taylor, president of the New York Association of Nurserymen; A. Dummett, Mount Vernon, N. Y., and Frank S. LaBar, Stroudsburg, Pa.

P. P. P.

#### PRIZE CONTEST FOR VICTORY GARDENERS.

To encourage victory gardeners in their effort to produce vitally needed food for civilian and war uses, the National Victory Garden Institute is sponsoring a "green thumb" contest for both young people and adults. The contest derives its name from the fact that for many years it has been said that anyone who could make things grow had a green thumb.

In the adult division of the contest a \$1,000 war bond is offered to the national grand prize winner. Also, there will be state contests with a special trophy award for the prize winner in each state participating. In addition, there will be a national green thumb blue ribbon award for local competitors. This will go to each first prize winner in community and company garden contests.

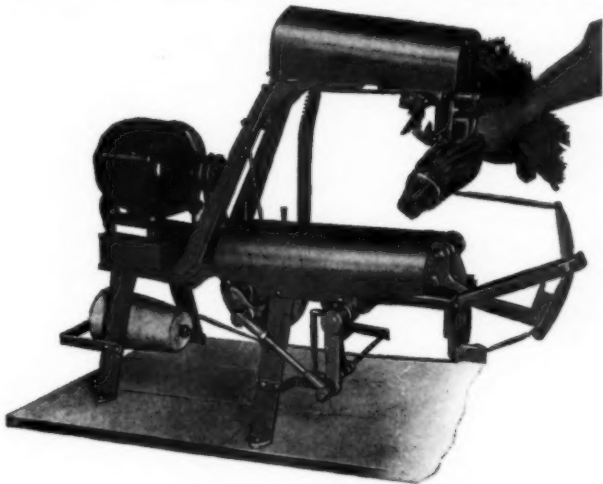
In the children's 3-V green thumb contest, stressing the importance of vegetables for vitamins and vitality, a \$500 war bond is to be awarded to the national winners in both the elementary and high school divisions.

As in the adult division, a special state trophy prize for the winner in each state contest will be awarded, announcements of these to be made shortly. In addition, local commit-

**Save Time      Save Twine      Save Labor**

**with FELINS ELECTRIC BUNCH TYER**

**For Bunch Vegetables, Cut Flowers, Nursery Stock**



**FELINS**

**Milwaukee 6      Wisconsin**

**CARPENTER TWINES HAVE GONE TO WAR**

WHEN AGAIN AVAILABLE WE WILL CONTINUE TO BE HEADQUARTERS FOR

**CARPENTER'S NURSERY TWINES**

**GEO. B. CARPENTER & Co.**

430 N. WELLS ST., CHICAGO 54, ILL.



tees, organizations and business firms are expected to offer prizes and this will be encouraged in all localities.

Contestants will be required to enter a completed green thumb record book with the appropriate victory garden chairman or local sponsors, not later than October 1, 1944. This record book is available to all victory gardeners entering the contest.

The national victory garden green thumb contest has received the official approval of the United States Department of Agriculture, Office of Civilian Defense, United States Office of Education and the National Education Association. Cooperating organizations include Boy Scouts of America, Campfire Girls, Girl Scouts and Boys' Clubs of America.

#### WANTED — PLANTS

1 to 1½ ft., to be shipped B&B.  
 5000 CANADIAN HEMLOCK  
 5000 DOUGLAS FIR  
 5000 COLORADO BLUE SPRUCE (True blue)  
 5000 MOUNTAIN LAUREL  
 Send quotations.

#### BAGATELLE NURSERY

P. O. Huntington Station  
 I. L. N. Y.

#### STOCK WANTED

SYRINGA VULGARIS, blue (Common lilac) from seed bed, also 12 to 18 ins. Submit sample with lowest cash price.

**C. J. VAN BOURGONDEN, INC.**  
 Babylon, L. I., N. Y.

## **Introducing E-Z CREPED WATERPROOF—The New Nursery Wrap**

Light weight combined with strength—Pliable and easy forming.  
Will not support mildew, fungus or moths. Mice or vermin will not eat through it.

In 200-yard rolls 24, 36, 48 and 60 inches wide.  
Sheets to your order.

Reasonably prompt delivery

Write for samples and prices

### **EAGLE WRAPPING PRODUCTS CO.**

*Packing Supplies for the Nurseryman*

**331 North Aberdeen Street**

**Chicago 7, Ill.**

A limited quantity available for immediate shipment in 30/30/30 plain waterproof in 200-yard rolls  
18, 24, 36 and 48 inches wide.

#### **COLE SELLS LAND.**

The Cole Nursery Co., Painesville, O., has sold ten acres between the Nickel Plate railroad and route 20 to the R. & S. Holding Co., a lumber company, Cleveland, O. This plot contains the main storage buildings, greenhouses and office, on Mentor avenue.

Possession is given immediately to the R. & S. Holding Co. of some 50,000 square feet of floor space, and a similar space is retained under lease by the nursery company.

This business was started in 1881 by W. B. Cole, father of D. Barrett Cole, the present manager. Starting with fifteen acres of land, it has steadily grown to its present holdings of 475 acres.

As soon as conditions permit, the nursery will construct new, up-to-date buildings with the most advanced equipment. It is probable these new buildings will be erected on nursery land holdings on route 20 or on route 84 at Painesville.

#### **BEACH PLUM AWARDS.**

The Arnold Arboretum of Harvard University has awarded the James R. Jewett prize of \$100 to Bertram Tomlinson, county agent of the Massachusetts State College, with headquarters at Barnstable, Mass.

This is the fourth consecutive year this prize has been awarded, and it goes to a man who has been greatly interested in the beach plum for many years. In 1940, Dr. James R. Jewett, Cambridge, emeritus professor of Arabic at Harvard University, presented the Arnold Arboretum with a capital sum, the income of which was to be used for two prizes to be awarded to individuals who make significant contributions to the improvement of our native beach plum, or who, through the development of beach plum products, may

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Nursery Spades, Knives and Pruning Shears, Budding and Grafting Supplies, Tree Surgery and Lawn Equipment.  
96 page catalog free—write,  
**A. M. LEONARD & SON**  
Piqua, Ohio

have made contributions of social significance. The first prize was to be known as the James R. Jewett prize and the second as the Vieno T. Johnson prize.

As a representative of the Massachusetts State College, Mr. Tomlinson was one of the first to realize the possibilities of the beach plum as an economic product of Cape Cod. He has helped hundreds of growers of beach plums, written several pamphlets and articles dealing with their culture and served on various committees having to do with the beach plum and its products.

The Vieno T. Johnson prize of \$50 was awarded to the late Peter Hansen

#### *For Immediate Shipment*

## **WATERPROOF PAPERS**

Flat and Semi-Crepe.

Rolls and Sheets,  
in various widths, from 12 ins. to 144 ins.

### **TRI-COUNTY PAPER CO.**

14 Harrison Ave.

South Glens Falls, N. Y.

Specializing in matters regarding the nursery industry of America.  
Commercial collections.  
Traffic matters before the Interstate Commerce Commission.  
Freight bills audited.

**CHARLES SIZEMORE**  
**Traffic Manager**  
319½ Georgia St., Louisiana, Mo.

For 20 years secretary and traffic manager of the American Association of Nurserymen and well known to the nursery trade.  
Reference: Bank of Louisiana, Mo.

and his sister, Miss Anna Hansen, Truro, Mass., in recognition of their efforts in demonstrating the possibilities of using beach plums in ornamental plantings.

#### **HEAD SHENANDOAH FIRM.**

At a special meeting of the board of directors of the Shenandoah Nurseries, Shenandoah, Ia., recently, David S. Lake was elected president



# Increase your plant food profits...

## feature **VIGORO**



Let our advertising experts prepare your Vigoro catalog copy.

Vigoro's consistently fine results . . . Vigoro's strong national advertising . . . Vigoro's famous reputation . . . all combine to make Vigoro the favorite plant food of America's professional and home gardeners.

You'll want to feature this plant food because it is so easy to sell . . . offers such attractive profit. But most of all you'll want to feature Vigoro because it will help gardeners have greater success with the seed, plants and nursery stock they buy from you. Your continued prosperity depends a lot on the success gardeners achieve with your supplies.

Let our experts prepare an ad for you that will properly emphasize the importance of complete plant feeding in achieving greater gardening success. There is no charge for this service. Write:

**SWIFT & COMPANY Plant Food Division**  
Chicago 9, Illinois

to succeed his father, the late A. F. Lake.

Other officers of the company elected were K. D. Holmes, vice-president; Robert S. Mullison, vice-president; Mrs. Amy D. Hunt, treasurer, and F. E. Tunnick, secretary.

It is the plan of the newly elected officers to carry on under the same policy that has characterized the Shenandoah Nurseries since the beginning seventy-five years ago.

### NEW PLANT PATENTS.

The following plant patents were issued last month, according to Rummler, Rummler & Davis, Chicago patent lawyers:

No. 634. Chrysanthemum plant. Gustav Sparre, Clarkson, Ont., Canada, assignor to the Way-side Gardens Co., Mentor, O. A new variety of Chrysanthemum indicum, characterized by its outstanding and exceptional resistance to cold, drought and disease, the unusually compact and solid head of the flower, the early and continuous blooming habit of the plant and hardiness above average.

No. 635. Thornless blackberry plant. John C. Bowen, Menlo Park, Cal. A new variety of early-bearing blackberry plant, and characterized by a total absence of thorns, cane tip propagation, large, long, jet-black berries, said berries having small drupelets, very small seeds and the plant having the characteristic of not producing any suckers.

No. 636. Rose plant. F. H. Howard, Montebello, Cal. A new and distinct variety of hybrid tea rose plant, characterized particularly by its exceedingly vigorous and healthy growth, its virtual thornlessness, its long, slender buds and its perfectly formed, fragrant, exceedingly long-lasting flowers of dual tones.

## WOOD LABELS

For Nurserymen

**DAYTON  
FRUIT TREE LABEL  
CO.**

Ray and Kiser Sts. DAYTON, O.

## GENUINE MOSS PEAT

Hydraulic pressed bales and smaller resale packages. Sphagnum Moss, Cultivated Peat Humus.

Shipped from Northern plant at Floodwood, Minn., and Hanlontown, Iowa. Annual capacity 1,000 carloads.

Now booking for present and future deliveries.

Write or wire for quotations.

**Colby Pioneer Peat Co., Inc.**  
Hanlontown, Iowa

## SANI-SOIL

The perfect mulch and soil conditioner

**BAMBOO CANES — RAFFIA — BULBS**

**McHUTCHISON & CO.**  
95 Chambers St. New York 7, N. Y.

"This set of charts has saved me many times its cost in the short time I have had it."

## ESTIMATING CHARTS

By JOHN SURTEES

The new Ready Reckoner for Tree Balls, Tree Pits, Lawns, Hedges, Excavation, Topsoil, Humus, Manure, Areas, Weights, Carloads, Truckloads and much other information.

**They Save Time. They Save Errors.**

Over 200 sizes Tree Balls, 800 sizes Tree Pits, Truckloads, Carloads, Quantities, Weights, Areas. All figured out for immediate reference.

**The Useful Ready Reckoner and Guide for Estimating**

For Nurserymen, Landscape Architects and Contractors, Colleges, Highway and Park Departments.

**Price \$2.00**

For sale by

**AMERICAN NURSERYMAN**

508 S. Dearborn St. Chicago, Ill.

## MORE AND MORE LEADING NURSERYMEN

throughout the  
**UNITED STATES and  
CANADA**  
are buying and using  
**OUR SUBSTITUTE  
FOR BURLAP SQUARES.**  
Why not try them?

Now Selling For  
Delivery During The  
**FALL TRANSPLANTING  
SEASON**

Samples and Prices Gladly  
Furnished Upon Request.

**AMERICAN-NATIONAL BAG & BURLAP CO.**  
INCORPORATED  
343 KENT AVE. BROOKLYN 11, N. Y.

## GENUINE BURLAP SQUARES

Size approx. 24x24 inches at

**SPECIAL PRICE**

**\$29.50 per 1000**

Packed 3000 in a bale.

No priority required at present.  
Enclose payment with order.

**ACORN BAG & BURLAP CO.**  
915 N. Delaware Ave., Philadelphia 23, Pa.

## IT COSTS NO MORE (and in most instances less) FOR OUR PACKING OF Nursery Burlap Squares and Rolls

Write for prices and samples.

**L. ATKIN'S SONS**  
P. O. Box 167 Rochester, N. Y.

### OBITUARY.

John J. Houlihan.

John J. Houlihan, Creve Coeur, Mo., died August 11, after an illness of several months, at the age of 84 years.

Mr. Houlihan spent most of his life in the landscape and nursery business in the St. Louis area, after operating a range of greenhouses which were destroyed by a tornado in 1898. Some thirty years ago, a son, Joseph P. Houlihan, was taken into the business, and together they started the Houlihan Nursery Co., Creve Coeur, about twenty years ago, continuing the old-established landscape business along with the nursery.

John Houlihan ("Gramp," as he was known to all) was active and enjoyed good health until the past few months, when a kidney condition set in. He leaves a brother, two sisters, four sons and two daughters, forty-seven grandchildren and fifteen great-grandchildren. He was a member of the Landscape and Nurserymen's Association of Greater St. Louis.

Pieter J. Van Heiningen.

Pieter J. Van Heiningen, for many years a nurseryman at Wilton, Conn., died suddenly August 1, at his home, at Norwalk, Conn. He was 68 years old.

Born at Boskoop, Holland, he married Miss Gertrude Hogendoorn there in 1910. He made several trips to the United States in the interest of Van Heiningen Bros. & Co., but on account of the quarantine on foreign plants he and his family came to this country in 1920 and established the Evergreen Nursery Co., Wilton.

In addition to his widow, survivors include two sons, both with the merchant marine; one grandson; one sister, at Nederland, Tex., and one brother, at Wilton, Conn.

### WANTS PIONEER DATA.

Frank J. Heintz, Jacksonville, Ill., a director of the Illinois State Historical Society, is gathering material for a history of pioneer Illinois nurseries and would like to receive information as to nurseries in existence prior to and about the Civil war period.

### ORIENTAL FRUIT MOTH.

California has revoked the provision of its Oriental fruit moth quarantine prohibiting the fumigation of bare-root dormant nursery stock after April 1.

## WANT ADS

**Help and Situation Wanted  
and For Sale advertisements.**

**Display: \$2.50 per inch, each insertion.  
Lines: 20¢ line; Minimum order \$1.00.**

### SITUATION WANTED

Man aged 50, married and in excellent health, wishes position as office or sales manager or combination. Experienced in practical end of business and knows stock. For 15 yrs. has been handling advertising and catalog editing for trade throughout U. S. Available at once. Address Box 320, American Nurseryman, 343 S. Dearborn, Chicago 4.

### HELP WANTED

Nurseryman for 15-acre city nursery.  
Good pay, bonus, good future.  
**MALMO NURSERIES**  
Seattle, Wash.

### HELP WANTED

Nursery foreman. Man who knows how to grow general line and especially one who can handle men. Good permanent job for right person. Old reliable nursery in south central state.

Give experience and qualifications. Address Box No. 321, American Nurseryman, 343 S. Dearborn St., Chicago 4.

### FOR SALE

CARNEY NURSERIES

On Churchland Blvd., Three miles from city limits of Portsmouth, Va., Route 17.

Nine acres, more or less, of ornamental shrubbery and evergreens in excellent condition. Well equipped nursery. Four new tenant houses, two sheds, lath house, 200 sash, pumping unit, tools, truck, horse and machinery. Tenants to work nursery are living at nursery. Good business in Norfolk, Portsmouth and Suffolk, Va. Selling on account of death of Mr. Carney.

If interested, write or see R. B. Albertain, Attorney, 710 Professional Building, Portsmouth, Va.

### FOR SALE

Modern Widely Known NURSERY

The late L. J. Farmer Fragaria Nursery, Pulaski, N. Y., offered for sale to settle estate. Ideal opportunity to take over complete "going" business with 50,000 customer list, covering entire country but especially in the East. 57 acres well equipped for sale of strawberry and raspberry plants, fruit and ornamental trees, shrubs, perennials and garden supplies.

Products well advertised since founding in 1881. 20 publications used Spring 1944. Years of publicity and live customer list should insure profits from start. Buildings include residence, barn, office and packing plant. Location on Syracuse-Watertown route.

Address correspondence to

J. M. FARMER, Pulaski, N. Y.

### Pronouncing Dictionary

of Plant Names and Botanical Terms

64 pages, 3000 names, 25¢ per copy

AMERICAN NURSERYMAN

843 S. Dearborn St. Chicago 4, Ill.

# CLASSIFIED ADS

Five lines, \$1.00,  
each additional line 20 cents,  
per insertion.

## BERRY PLANTS

**SMALL FRUIT PLANTS FOR FALL DELIVERY**  
Strawberries, Boysenberries, Youngberries,  
Dewberries, Blackberries, Raspberries and  
Gooseberries.  
V. P. BASEAM, Mountainburg, Ark.

**BLACKBERRY PLANTS.**  
Booking orders for No. 1, 2-yr. Eldorado  
Blackberry plants. Strong and healthy. \$2.00  
per 100. \$25.00 for 2000.  
MRS. CHARLIE ROBINSON, Greenville, Ga.

## BULBS

**DAFFODIL BULBS** for fall planting. Yellow  
Trumpet and Double; 15 bulbs, \$1.00.  
King Alfred, 25c each. Postpaid.  
NARCISUS NURSERY, Flora Webster, Prop.  
R. D. 2, Genesee, Pa.

## EVERGREENS—Lining-out

MUGHO PINE	Per 100
Trans. X, 3 to 5 ins.	\$ 8.00
Trans. XX, 4 to 6 ins.	18.00
COLORADO BLUE SPRUCE	
3-0, 6 to 8 ins.	3.00
Trans. X, 12 to 18 ins.	20.00
DOUGLAS FIR	
3-0, 10 to 12 ins.	3.00
AUSTRIAN PINE	
3-0, 12 to 18 ins.	3.00
AMERICAN ARBORVITAE	
3-0, 6 to 10 ins.	2.00
GLOBE ARBORVITAE	
Trans. XX, 6 to 10 ins.	15.00
BLACK HILLS SPRUCE SEEDLINGS	
3-0, 6 to 8 ins.	3.00
WESTFIELD EVERGREEN NURSERY	
Westfield, Wis.	

## EVERGREEN SEEDLINGS

American Arborvitae, 4 to 12 ins.	Per 100	\$1.25
Above lowland grown.		
American Arborvitae, 3 to 5 ins.	1.75	
Balsam Fir, 4 to 8 ins.	1.25	
American Larch, 8 to 10 ins.	2.25	
Siberian Larch, 6 to 8 ins.	2.75	
Jack Pine, 4 to 8 ins.	1.25	
Mugho Pine, 6 to 8 ins.	3.25	
Scotch Pine, 6 to 8 ins.	1.75	
Western Yellow Pine, 6 to 8 ins.	1.25	
Colorado Blue Spruce, 2 to 4 ins.	1.75	
Engelmann Spruce, 2 to 4 ins.	1.75	
10 per cent discount in 1000 lots, cash.		
C. WILSON'S NURSERY, Pembine, Wis.		

## SEEDLINGS

Douglas Fir, 4 to 6 ins.	Per 100	\$1.25
Douglas Fir, 6 to 8 ins.	1.50	
European White Birch, 12 to 18 ins.	2.50	
Canoe or Paper Birch, 18 to 24 ins.	4.00	
Canoe or Paper Birch, 12 to 18 ins.	2.50	
American White Ash, 6 to 10 ins.	1.25	
American White Elm, 4 to 8 ins.	.75	
Chinese Elm, 4 to 8 ins.	.75	
10 per cent discount in 1000 lots, cash.		
C. WILSON'S NURSERY, Pembine, Wis.		

## FIELD-GROWN

DOUGLAS FIR	Per 100	Per 1000
2000 12 to 15 ins. Each.	\$0.25	\$0.22
Norway Spruce		
3000 12 to 15 ins. Each.	.22	.20
Will ship above. Come and get 20,000 Norway Spruce, 4 to 8 ft.		
Nursery near Clarkston, Mich. DALE MURREY, 49 Leslie, Telephone 5-4100, Highland Park, Mich.		

## EVERGREEN LINERS

for fall 1944. Write for list.

**SUNCREST EVERGREEN NURSERIES**  
Johnstown, Pa.

## HARDY PLANTS

Bright Pink PERENNIAL VERBENA.  
Large field plants, \$4.00 per 100; \$25.00 per  
1000.  
MRS. CHARLIE ROBINSON, Greenville, Ga.

## VIOLETS

SWEET-SCENTED BLUE VIOLETS. Large,  
nice plants. \$3.00 per 100, \$25.00 per 1000.  
MRS. CHARLIE ROBINSON, Greenville, Ga.

## WM. MOHR IRIS

25 for \$2.50; 100 for \$7.00; 1000 for \$60.00  
ROCKMONT NURSERY,  
Boulder, Colo.

Rainbow Iris collection, very lovely varieties;  
1 each of 25 kinds, \$3.00; 1 each of 50 kinds, \$5.00;  
1 each of 100 kinds, \$7.50; labeled.  
Smith Gardens, Clarkston, Wash.

Peonies: Tree and Herbaceous, best varieties.  
Oberlin Peony Gardens, Sinking Springs, Pa.

## ROOTS

MARY WASHINGTON ASPARAGUS  
ROOTS, Rhubarb roots, Horseradish roots  
for fall planting. Witloof Chicory roots, Rhubarb,  
Horseradish roots for winter forcing.  
For fall planting, Raspberry, Blackberry,  
Dewberry, Boysenberry.  
WARREN SHINN, Woodbury, N. J.  
Root Specialist

## SEEDS

**CERTIFIED 1944 CROP SEEDS.** Oz.  
Delphinium Pacific Giant Mixed Hyb. \$6.00  
Delphinium Belladonna Imp. 2.00  
Delphinium Bellamoss Imp. 2.00  
Delphinium Cambridge, Dark Blue 1.00  
Pansy Swiss Giants, mixed 5.00  
ALBIA FLORAL CO., ALBIA, IA.

**MAZZARD CHERRY SEED**—testing 90 per cent  
and better germination, being offered for August  
delivery at 75c per lb. in lots less than 50 lbs.;  
larger quantities, 60c per lb.  
WAYNESBORO NURSERIES, Waynesboro, Va.

## NEW CROP TREE SEEDS

Balsam Fir, White Pine, Norway Pine now  
being collected. Prices on request.

## BRADEN NURSERY

South Windham Maine

**PEACH PITS**—California Lovell, \$3.00 per bu.  
Native Carolina-Virginia pits being offered at  
\$7.50 per bu. subject to our being able to collect.  
WAYNESBORO NURSERIES, Waynesboro, Va.

## SHRUBS AND TREES

**HONEYSUCKLE**  
LONICERA HALLIANA JAPONICA (Hall's  
Honeysuckle). Strong No. 1, 2-yr. field-grown;  
3 to 4 leads, 18 to 20 ins. Carefully graded,  
selected plants, \$4.00 per 100; \$30.00 per 1000.  
lighter plants, \$20.00 per 1000. Immediate ship-  
ment.  
MRS. CHARLIE ROBINSON, Greenville, Ga.

## EVERGREENS AND TREES

Red Cedar, Pine and Magnolia Glauca, 12 to 18  
ins., 10 cents ea., \$75.00 per 1000.  
Red Maple, Red Oak, Crab Apple, Plum, China-  
berry and Sweet Gum, 1 to 2 ft., \$6.00 per 100;  
2 to 3 ft., \$12.00 per 100.  
MRS. CHARLIE ROBINSON, Greenville, Ga.

## OLEANDERS

2 1/4-in. pots, \$9.00 per 100.

Single White, Double Rose, Cherry Red.

**TROPICAL GROVES NURSERY**  
R. 10, Box 525, Phoenix, Ariz.  
VINCA MINOR, 4 yrs., Bowles variety.  
Many runners. Excellent growth. Prices  
\$10.00 per 100, \$75.00 per 1000 F.O.B.  
SYLVANIA NURSERY & PEAT CO.,  
New Galilee, Pa.

## CORNUS FLORIDA.

Heavy, quality, mammoth-flowered white dog-  
wood, 2 to 3 ft., \$10.00 per 100; \$75.00 per 1000.  
MRS. CHARLIE ROBINSON, Greenville, Ga.

**PAPERSHELL PECAN TREES**, extra-fine,  
budded and grafted. World's largest growers.  
Fruit Trees. New catalogue and prices free.  
BASS PECAN CO., Lumberton, Miss.

## AZALEAS.

Hardy, heavy (native) pink and white Azaleas.  
2 to 3 ft., \$10.00 per 100.  
MRS. CHARLIE ROBINSON, Greenville, Ga.

## PACHYSANDRA

From 2 1/4-in. pots.

\$60.00 per 1000.

NICK'S NURSERY, Anchorage, Ky.

## DECORATIVES

500 PINE CONES for \$2.50.  
2150 Cones for \$10.00; 100 for \$1.25. Ap-  
proximately 2 1/4-in. and over to 1 1/4-in. Lob-  
lolly Cones for wreaths, 3 1/4 to 4 1/2 1/4-in. and  
wider; 100, \$2.00. Assorted Cones, \$1.75  
per bu. Slash Cones, approximately 4-in. and  
over x 3-in.; 100, \$2.00. Samples \$1.00. Get  
your Cones now for next season as cones are  
very scarce, owing to shortage of labor.  
MARYLAND NURSERY, Edmonston, Md.

New 1944 crop—gum balls, pine cones, red  
cedar heavy with berries, pine needles, china-  
berry and cotton pods, bright autumn leaves  
in various colors, magnolia pods full of  
bright red berries. Liberal sample of all, \$5.00.  
MRS. CHARLIE ROBINSON, Greenville, Ga.

## SUPPLIES

**PEAT AND SPAGNUM MOSS**  
Baled or bulk in carload. Immediate de-  
livery. Lowest quotations and samples on  
request.

## TOBE'S TREERY,

Niagara-on-the-Lake, Ontario

## BOXES FOR GREENHOUSES

Boxes about 18x8 1/2 ins. and 4 1/2 ins. deep,  
20c each. In excellent condition. Only a  
limited supply. Samples, 50c.  
MARYLAND NURSERY, Edmonston, Md.

**GIBALTAR Frost Covers** pay for themselves.  
Most economical, long lasting, also ideal for wind-  
breaks. 6 ft. wide, price 50 ft., \$13.75; 100 ft.,  
\$26.00; 150 ft., \$39.00. NEW AMSTERDAM CO.,  
122 Chambers St., New York 7, N. Y.

## BAMBOO CANE STAKES

DYED GREEN—pencil thickness

Contents	Price
Per bale	Per bale
***1 1/2 ft. ....	2000 \$ 7.50
***2 ft. ....	2000 10.00
***2 1/2 ft. ....	2000 12.50
*3 ft. ....	2000 15.00
***4 ft. ....	2000 20.00

## NATURAL COLOR—Medium Heavy

Contents	Price
Per bale	Per bale
***2 ft. ....	1000 \$ 9.25
***2 1/2 ft. ....	1000 11.50
***3 ft. ....	1000 13.50
***4 ft. ....	1000 17.00
*5 ft. ....	500 11.50
*6 ft. ....	500 13.50

## NATURAL COLOR—Extra Heavy

Contents	Price
Per bale	Per bale
*4 ft. ....	500 \$15.50
*5 ft. ....	250 13.00
*6 ft. ....	200 12.50
***8 ft. ....	100 8.50

F.O.B. New York and Chicago. Bale lots only.  
\* These sizes available for prompt shipment  
from New York.

\*\* These sizes available for prompt ship-  
ment from Chicago.

\*\*\* These sizes available for prompt ship-  
ment from both New York and Chicago.

Quantity discounts: 10 bales up, less 5%.  
25 bales up, less 7 1/2%.

McHUTCHISON & CO., New York 7, N. Y.

95 Chambers St., New York 7, N. Y.

COTTONETTE Squares are best for baling. Saves  
time and twine. All sizes in stock. Write for  
prices. NEW AMSTERDAM CO., 122 Chambers  
St., New York 7, N. Y.

## MISCELLANEOUS

Priced Per Lot

California Privet	350 12 to 18 ins.	\$15.00
Paniculata Grandiflora Hydrangea	100 3 ft.	25.00
Rose of Sharon, assorted colors	100	25.00
Silver Maple	100 4 to 6 ft., well branched	30.00
	100 8 to 10 ft., well branched	75.00
Lombardy Poplar	100 5 to 8 ft.	20.00
Black Walnut, bushy	100 3 ft.	30.00
Pussy Willow	100 2-yr., 10 ft.	30.00
Green Ash, shade trees	100 5 to 10 ft., well branched	75.00
Phlox Subulata, assorted colors	250	10.00
Hall's Honeysuckle, heavy clumps	200	10.00
Locust, 100 3 ft. and over	20.00	
Red Raspberry Plants, Latham, 200	15.00	
Strawberry Plants, 300	10.00	
Boxwood, 300 2-yr., well branched	30.00	
Chrysanthemum, hardy, mixed colors	300	15.00
Larch, 100 5-yr., 2 ft.	20.00	
Azalea Hinodigiri	100 6 to 8 ins., sheared	40.00
Colorado Blue Spruce	100 4 to 15 ins.	30.00
Canadian Hemlock	100 10 to 15 ins.	30.00
Norway Spruce	100 12 to 18 ins.	30.00
The above are all field-grown and in healthy condition. These prices are good until December 1, 1944. We are well stocked. Please send money or check with order. WM. E. WENTZELL NURSERY, Sewell, N. J.		

## WANTED

## STOCK WANTED

Please quote on all you can do:  
5,000 Cherry, assorted varieties and sizes.  
2,000 Pear, assorted varieties and sizes.  
5,000 Boysenberry, both standard and  
thornless.  
10,000 Red Raspberries, assorted varieties.  
500 each Nectarine and Apricot  
200,000 Strawberries, assorted varieties.  
500 English Walnut, 3 to 4 ft.  
500 Chinese Chestnut, 3 to 4 ft.  
WAYNESBORO NURSERIES,  
Waynesboro, Va.

**WANTED:** Deciduous Lining-out stock in orna-  
mental flowering trees, shrubs and vines, especial-  
ly anything unusual in magnolias, crab apples,  
laburnums, oaks, cotoneasters, lilacs, mock or-  
anges, deutzias, viburnums, etc.

ALANWOLD NURSERY,  
Neshaminy, Bucks Co., Pa.

**WANTED: QUOTATIONS ON PEACH  
TREES.** In standard varieties, J. H. Hale,  
Elberta, Improved Elberta, Halehaven,  
Southaven, Rochester, etc. Any quantity  
up to a carload.  
LAFAYETTE NURSERY CO., Lafayette, Ore.

**WANTED:** Russian Olive seedlings and  
Honeysuckle in hedging grades. Write or  
wire quantity and price to:  
THE FILLMORE COUNTY NURSERY  
Canton, Minn.

**WANTED:** Juniper understocks. Prefer Juniper  
Virginia, 2 1/2 to 3/16-in. caliper. Your prompt  
quotations will be appreciated.  
LAKE'S SHENANDOAH NURSERIES,  
Shenandoah, Iowa



## BOOKS

### for Nurserymen

**Book A.** Illustrates in full color 235 standard nursery items, brief description, substantially bound. Price in small lots, 75c each.

### Descriptive Nursery Catalog

Nicely illustrated, 48 pages and cover. 18c each in small lots.

### Correct Planting Methods

A pocket-size 48-page booklet. Very complete but concise information, well illustrated. Helpful in preventing claims for dead stock that cost nurserymen money. Sample, 10c. Write for discounts on quantities.

Will send sample copy of each of the above on receipt of \$1.00. Cash with order.

### Made to Order

Catalogs, Folders, etc., with illustrations in full color or one color. Thousands of engravings available. Send your specifications or samples for estimate and suggestions.

**A. B. MORSE COMPANY**  
ST. JOSEPH, MICHIGAN

## HYPONEX PLANT FOOD

### Grows Superior Plants in Poorest Soil Sand, Cinders or Water

Used by florists, farmers and gardeners for:

**FEEDING**—flowers, vegetables, lawn and trees.  
**TOP DRESSING**—soluble—plants absorb it quickly.  
**SEED GERMINATION**—helps to prevent damping off.  
**CUTTINGS**—keeps succulent until transplanted.  
**TRANSPLANTING**—helps reduce shock and wilting.

This clean, odorless powder produces stronger root system with more feeding branches; greater substance in stems, more and larger flowers or fruit. Does not burn roots or foliage when used in solution form as directed.

Sell HYPONEX to your customers for their gardens and house plants. Nationally advertised.

1-oz. pkg. retails 10c—packed 72 to case.

3-oz. can retails 25c—packed 36 to case.

1-lb. can retails \$1.00—packed 12 to case.

Also in 10, 25, 50 and 100-lb. drums.

Write jobber or us for dealer and grower prices. Buy from your jobber or send 10c for 1-oz. sample (makes 6 gallons) or \$1.00 for 1 lb. (makes 100 gallons). Dollar credited on first order for 1 case for resale or drum for your own use.

**HYDROPONIC CHEMICAL CO., INC.**  
315 West 39th Street  
New York 18, N. Y.

## RAFFIA and RUBBER STRIPS for 1944 BUDDING

We suggest you place your budding material order now, as freight shipments are SLOW, and rubber strips not too plentiful.

**THOMAS B. MEEHAN CO.**  
Dresher, Pa.

### IN COUNTRY'S SERVICE.

REPORTED missing in action in the European theater of war is Sgt. Jack Caudle, son of H. Caudle, Pine Ridge Nursery, Marshville, N. C.

ARTHUR D. ROSE, Kinston, N. C., now on overseas service, recently purchased the Minnesota State Nursery, Marshall, Minn., at present being operated by his father, A. P. Rose.

WHILE Francis Gais, proprietor of the Rustic Gardens, Belding, Mich., is serving as seaman first class on a Liberty ship at Norfolk, Va., his brother, father and mother have taken over the operations.

PVT. WILLIAM C. STEDMAN, son of Mr. and Mrs. E. B. Stedman, of the Stedman Nurseries, Newfane, N. Y., has been transferred from Truax field, Madison, Wis., to Chanute field, Rantoul, Ill. He is in the radio service of the army air force.

LIEUT. GEORGE H. KERN, son of the proprietor of Kern's Wyoming Nurseries, Wyoming, O., has left the naval air station at Whidbey Island, Wash., and is serving in foreign parts, his present address being N.A.S. Navy 116, c/o F.P.O., New York, N. Y.

CLARENCE V. LARSON, proprietor of the Twin Cedar Nursery, Overland Park, Kan., is in the naval hospital with rheumatic fever and is likely to be there for a considerable time. His address is Clarence V. Larson, Seaman 2/C, Ward 1-222, U.S.N. Hospital Balboa Park, San Diego 36, Cal.

LIEUT. JAMES PHIFER, with headquarters advanced echelon, 5th air force, is no longer in Australia, but traveling about considerably in the southwest Pacific area. His postal address is Lieut. James Phifer, AGS—GHQ Ln. O., Hq. Adv. Ech. 5th Air Force, APO 713, Unit 1, c/o PM, San Francisco, Cal.

THOUGH he has been in the marine corps for close to two and one-half years now, Sgt. John F. O'Leary hopes to resume the nursery business before many months, and while he is in the south Pacific his father saves the copies of the American Nurseryman. His present address is Sgt. John F. O'Leary, U.S.M.C., Ord. Co. 4 Base Depot, Marine Supply Service, Fleet Marine Force, c/o Fleet P.O. 329725, San Francisco, Cal.

## Own a SOIL TEST LABORATORY Of Your Own



\$22.50

express paid

### SUDBURY PORTABLE SOIL TEST LABORATORY

The most valuable piece of equipment you can own, giving you the soil information that you need for efficient production. Widely used by estates, professional growers and government field stations. Will last almost a lifetime with refills. Comes in instrument type, mahogany finish case. No chemistry knowledge required. Complete with instructions and helpful chart. SEND NO MONEY. Order C.O.D. \$22.50, plus express charges (or send \$22.50 and we pay express). Money back guarantee.

Dealers Write for Special Offer.

**SUDBURY SOIL TEST LABORATORY**  
736 Dutton Road So. Sudbury, Mass.

## PROTECT TREES AND SHRUBS AGAINST RABBITS

with COPPER SOAP

rodent repellent

Easily applied, economical, effective. One application lasts entire season. YOUR NURSERYMAN OR SEED DEALER HAS IT. Write for detailed literature.

**CASTLE CHEMICAL CO.**  
Castle Rock, Minn.

## RELiance AZALEA AND CAMELLIA SPECIAL PLANTFOOD

Specifically Designed for

Azaleas	Camellias
Rhododendrons	Kalmia
Tea Olives	Hollies
Magnolias and GARDENIAS	

Used and Recommended by Leading Nurseries

Manufactured by

**The Reliance Fertilizer Company**  
Savannah Georgia

## SPRAY WITH C.P.O.

For better control of Juniper Scale, Red Spider, Lace Bug, Spruce Gail Aphid, Aphid and most nursery pests, use this safe, odorless, nonpoisonous and non-staining spray. C. P. O. reduces nicotine costs.

Free literature and samples

**Crystal Soap & Chemical Co.**  
Incorporated  
Department AN  
6300 State Road Philadelphia, Pa.

*save the  
moisture*



*and you  
save the tree*

## DOWAX

- ★ Retards Evaporation
- ★ Conserves Vital Moisture
- ★ Discourages Borer Attack
- ★ Eliminates Wrapping, Except on Thin Bark Varieties.

Dowax, a remarkable scientific wax emulsion, conserves the natural moisture within trees and shrubs, making it possible to transplant them at any season of the year. It can be used on trees in either the dormant or foliage stage, and one application will serve for an entire season. Write for additional information.

**DOW**

THE DOW CHEMICAL COMPANY, MIDLAND, MICHIGAN  
New York • Boston • Philadelphia • Washington • Cleveland • Detroit  
Chicago • St. Louis • Houston • San Francisco • Los Angeles • Seattle

*Extends the  
transplant season*

# DOWAX

## RECEIVES AIR MEDAL.

Sgt. M. L. Thomas, Second Troop Carrier Squadron, A. A. F., stationed in India, has been awarded the air medal and the D.F.C. Prior to his induction, he was in charge of the landscape department of the Cottage Gardens, Lansing, Mich.

Sgt. John Newhouse, son of the superintendent of growing, A. Newhouse, is now in France. He was connected with the concern for thirteen years prior to his induction into the army; he was first stationed in Iceland, then England and Ireland.

Harold E. Hicks, assistant superintendent at Cottage Gardens, is now in boot training at Great Lakes. Mr. Hicks joined the Cottage Gardens after graduating from Michigan State College and for two years prior to his induction into the navy was with the drafting department of Oldsmobile.

## DROUGHT BROKEN.

Rain fell in midwestern states August 15 and 16, varying in amount from one-half inch to two inches, to break a record period of heat and drought which not only threatened farm crops, but had done serious damage in some nurseries. Late planting of seedlings and other lining-out

## BACK THE ATTACK WITH A PARAGON SPRAYER No. 3

**THE** War Production Board has authorized a limited production of Paragon Sprayers for the fight against the enemy on the food front. Order your Paragon from your dealer immediately, before his supply is sold out. Fill the container with 12 gallons of spray solution and kill the parasites on your orchard and nursery stock. The powerful pressure from the over-size air chamber delivers a uniform spray that completely covers every twig, leaf and bud, destroys the insect enemies and prevents their young from maturing. Paragon Sprayer No. 3 has wide wheel rims and low-hung container; stands steady on uneven ground. Long extension pipe and spray hose enable you to cover larger area without changing position of sprayer. Equally efficient for work inside the greenhouse and for whitewashing barns, poultry houses, tool sheds and basements.

Price for Paragon No. 3 is frozen at \$25.95, east of Rocky Mountains, complete with 7½-ft. pipe, 10-ft. spray hose and 2 nozzles. Air gauge, \$2.50 extra. One or two wheel truck at your option. If your dealer does not have the Paragon Sprayer, write us direct.

**THE CAMPBELL-HAUSFELD CO., 903 State Ave., Harrison, Ohio**

Paragon No. 3  
7½ ft. pipe.  
10 ft. hose.  
2 nozzles.  
One wheel truck  
if specified.

stock on account of the weather and labor shortage subjected such plants to the ill effects of continued hot and dry weather.

The dry weather prevailed from Tennessee north and from the Mis-

issippi river to the Atlantic seaboard. In that area rainfall during July was about half, and in some states less than half, of normal. Exceptions are New York and Virginia, which received about three-fourths the nor-

## NURSERYMAN'S SPECIALS



### SPADE Heavy Duty

12-in. steel straps halfway up the handle.  
Has 12-in. straps and 13-gauge steel alloy blade, light in weight.

No. L-229—12-in. straps.

Each .....\$3.00 3 for .....\$8.00

**AMERICAN FLORIST SUPPLY CO.**

## GREENLEE CHISELS—No. 251

Manufactured especially for tree surgery. Blade and shank made of one piece forged to size. Handles made from hardwood with steel ring. Made to stand constant hard use.

No. T-208	3/4 in.	Each	3 for
No. T-210	1 1/2 in.	\$2.00	\$5.50
		2.50	7.00

## COLD CHISELS

Made of high-grade alloy steel for toughness.

No.	Width of Blade	Length	Each	3 for
No. T-1164	1 in.	8 1/2 ins.	\$0.75	\$2.10
No. T-1172	3/4 in.	12 ins.	.75	2.10
No. T-1174	7/8 in.	12 ins.	1.10	3.00

1335 W. Randolph St.

CHICAGO 7

mal rainfall in that month. Michigan and the Carolinas received a normal amount.

West of the Mississippi, Missouri, Arkansas and North Dakota received about three-quarters of their normal rainfall in July, but the other states north of Texas were favored by more than normal precipitation during July, most favored being Kansas, 152 per cent; Nebraska, 128 per cent, and South Dakota, 141 per cent. According to weather reports, Texas had sixty-four per cent of normal rainfall in July, and California, fifty-seven per cent. Oregon was nearly normal, with ninety-five per cent, while Washington, with twenty-eight per cent, was only exceeded in dryness by Nevada.

### McFARLAND REELECTED.

At the recent annual corporate meeting of the J. Horace McFarland Co., Harrisburg, Pa., directors elected included Dr. J. Horace McFarland, Robert B. McFarland, P. Mark Parthemore, Miss Mary C. Hess, Nathan E. Hause, J. W. McMillan and C. R. Phillips.

Officers elected were Dr. McFarland, president; Robert B. McFarland, vice-president and secretary, and J. W. McMillan, treasurer.

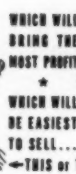
### KENNETH HAYSLEER BACK.

Recently released from active duty and transferred to the reserves after two years in the army, Kenneth Haysler is back home operating the Cloverset Flower Farm, Kansas City, Mo., and again engaged in the manufacture of Cloverset pots.

Because of his absence and the long illness of his father, terminated by death in July, the pot business was nearly at a standstill. The chief obstacle was the inability to secure shipping containers. Boxes for this purpose have now been obtained, and Cloverset pots in unlimited quantities will again be available.

## CLOVERSET POTS ARE AVAILABLE

Patent No. 2073695  
No change in price.



Now made in four sizes and two grades, comparable in soil capacity to 6-in., 7-in., 8-in. and 9-in. clay pots. Prices as low as \$22.50 per 1000.

Cheap in price (can be given away with the plant). Non-Porous (slow to dry out), produce a better plant than a clay pot, make better satisfied customers and more profit for the Florist and Nurseryman. Order early, for freight shipments are slow.

Send for free circulars and prices. Sample carton sent by mail for 25c.

**CLOVERSET FLOWER FARM,**  
**ERNEST HAYSLEER & SON**

105th & Broadway  
Kansas City, Mo.

## DIGGER BLADES

are available,  
but we need an AA5  
priority from you  
before we can ship.

**I. E. ILGENFRITZ' SONS COMPANY**  
Monroe, Michigan

## LABELS FOR NURSERYMEN

**THE  
BENJAMIN CHASE  
COMPANY**  
DERRY, N. H.

### BUSINESS RECORDS.

Bradley Beach, N. J. — John Rogers, nurseryman, of 31 Main street, has filed a voluntary petition in bankruptcy, listing assets of \$20 and liabilities of \$4,879.

**RUBBER**  
**SPRAY HOSE**  
*America's Finest*

Best Buy On the Market  
Write for Free Sample

ALSO OTHER HARD-TO-GET RUBBER ITEMS:

RUBBER BANDS	CLOVES
V-BELTS	APRONS
WATER HOSE	RAIN CLOTHING
FINGER COTS	FOOTWEAR
TUBING	SUCTION HOSE
FRUIT GRADER BELTS	

GET OUR PRICE SHEET TODAY  
**BROADWAY RUBBER MFG. CO.**  
529 East Broadway Louisville 2, Ky.

**MARK**  
YOUR PACKAGES  
WITH THIS STAMP

*Clearly  
Quickly*

This stamp has interchangeable type to change the size, grade and brand in a second. It SPEAKS YOUR MARKING 200%. Can be made to meet requirements of every state. Write for price and folder.

MASSACHUSETTS  
MIN. SIZE 3 1/2 FANCY  
MASS. Approved-Crate  
GREENINGS  
PACKED BY  
R. D. MARCH  
Shelburne Falls, Mass.

**RIVET-O MFG. CO.**  
67 Orchard St., Orange, Mass.

"COTTONETTE" Nursery  
Squares  
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Japanese Yew (Taxus)

**3-oz. can - \$1.00**

**1-lb. can - 4.00**

(One pound makes 160 to 1600 gallons of solution for transplanting.)

Write us today for our special proposition to nurserymen.

## ESPECIALLY NOW!

**IT IS IMPORTANT TO CUT DOWN TRANSPLANTING LOSSES AND TO LENGTHEN YOUR SEASON - - -**

Nurserymen Are Finding That

# TRANSPLANTONE

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is invaluable today in helping to cut down operating costs and to maintain a high volume level.

By using TRANSPLANTONE on all plants when they are moved, you can reduce your losses to the very minimum—especially in unfavorable seasons.

Just soak the soil around the roots of the newly moved plant with TRANSPLANTONE solution. With bare-root plants, nurserymen are getting excellent results by soaking them in a barrel of TRANSPLANTONE solution overnight before planting.

Treat broad and narrow-leaf evergreens, deciduous trees and shrubs with TRANSPLANTONE solution for reducing loss and promoting strong, vigorous growth right through the season. The treatment will not interfere with proper hardening of the wood before winter.

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An activated compost, prepared by the Howard Process, can be matured in about 90 days. Far superior to compost made in the old way. Our 64-page book "Compost—How to Make It" will be sent free upon receipt of subscription to **ORGANIC GARDENING** Magazine one full year at \$2.00. Send \$2.00 today and save many dollars on chemical fertilizers.

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**Roots Cuttings Faster — Better**

- No. 1 for most soft-wooded subjects—  
1½-oz. jar, 50c; 1-lb., \$3.00.
- No. 2 for most evergreens and more difficult subjects—  
1½-oz. jar, 75c; 1-lb., \$4.50.
- No. 3 for the most difficult items—  
1½-oz. jar, \$1.00; ½-lb., \$4.50.

Combination package containing generous samples of each strength with full directions, postpaid 75c.

**SOMERSET ROSE NURSERY, INC.**  
P. O. Box 608 New Brunswick, N. J.

## INCREASE PLANT YIELD with LESS MANPOWER!

**A COMPLETELY PULVERIZED LEVEL SEED BED IN ONE OPERATION**



**DOES ALL TILLAGE JOBS**

Ariens Tiller is the perfect all-purpose tilling and cultivating combine for the nurseryman. It harrows as it discs as it plows ... one operation produces a properly prepared seed bed, thoroughly aerated, with pulverized soil, shredded and evenly

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Write for Bulletins and Lists of supplies for nurserymen and florists

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Dept. A

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10 55-gal. drums (400 lbs. net each)  
DOWAX at \$30.00 per drum.  
F.O.B. Warehouse, Jersey City, N. J.

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# LINING-OUT EVERGREENS

## FOR FALL 1944 - SPRING 1945 DELIVERY

The following are selected items of lining-out stock for the coming year. Many items are in short supply.

### ONCE TRANSPLANTED — FLATS

This stock is either seedlings or cuttings transplanted into flats, and grown for one or two years. Suitable to plant in beds.

	Each Per 100	Each Per 1000
Spiny Greek Juniper..... 6 to 8 ins.	\$0.18	
White Pine..... 6 to 8 ins.	.13	\$0.10
Pyramidal Arborvitae..... 4 to 6 ins.	.15	.12
Hemlock..... 4 to 6 ins.	.13	.10
Euonymus Coloratus..... 8 to 10 ins.	.18	.15
Euonymus Radicans Vegetus 6 to 8 ins.	.18	.15

### TWICE TRANSPLANTED — FRAMES

This stock has been grown either from seedlings or cuttings, grown two years in flats and transplanted into frames where it has been growing two years. Most items are suitable for field planting.

	Each Per 100	Each Per 1000
Concolor Fir..... 6 to 8 ins.	\$0.23	\$0.20
Pfitzer Juniper..... 10 to 12 ins.	.30	.27
Irish Juniper..... 8 to 10 ins.	.19	.16
Irish Juniper..... 10 to 12 ins.	.22	.19
Spiny Greek Juniper..... 8 to 10 ins.	.28	
Andorra Juniper..... 8 to 10 ins.	.20	.17
Pachysandra..... 6 to 8 ins.	.10	.09
Dwarf Alberta Spruce..... 4 to 6 ins.	.20	
Norway Spruce..... 6 to 8 ins.	.17	.14
Norway Spruce..... 8 to 10 ins.	.18	.15
Norway Spruce..... 10 to 12 ins.	.20	.18
Pyr. Norway Spruce..... 12 to 15 ins.	.30	
Black Hill Spruce..... 10 to 12 ins.	.17	.14
Black Hill Spruce..... 12 to 15 ins.	.28	.25
Black Hill Spruce..... 15 to 18 ins.	.31	.28
Colorado Blue Spruce..... 6 to 8 ins.	.16	.13
Colorado Blue Spruce..... 8 to 10 ins.	.18	.15
Mugho Pine..... 6 to 8 ins.	.23	.20
Mugho Pine..... 8 to 10 ins.	.38	.35
White Pine..... 8 to 10 ins.	.23	.20
Douglas Fir..... 10 to 12 ins.	.23	.20
Douglas Fir..... 15 to 18 ins.	.33	.30

### TWICE TRANSPLANTED — FRAMES (Cont.)

	Each Per 100	Each Per 1000
Upright Yew..... 6 to 8 ins.	\$0.23	\$0.20
Upright Yew..... 8 to 10 ins.	.35	.32
Upright Yew..... 10 to 12 ins.	.40	.37
Spreading Yew..... 8 to 10 ins.	.35	.32
Spreading Yew..... 10 to 12 ins.	.40	.37
Spreading Yew..... 12 to 15 ins.	.43	.40
Brown's Yew..... 8 to 10 ins.	.35	.32
Hatfield Yew..... 8 to 10 ins.	.35	.32
Intermedia Yew..... 8 to 10 ins.	.40	.37
Hill Pyramidal Yew..... 8 to 10 ins.	.35	.32
Ward's Yew..... 8 to 10 ins.	.35	.32
Media No. 1..... 10 to 12 ins.	.35	.32
Hicks' Yew..... 8 to 10 ins.	.28	.25
Hicks' Yew..... 10 to 12 ins.	.33	.30
Hicks' Yew..... 12 to 15 ins.	.43	.40
Hicks' Yew..... 15 to 18 ins.	.53	.50
Pyramidal Arborvitae..... 8 to 10 ins.	.23	.20
Hemlock..... 8 to 10 ins.	.31	.28
Hemlock..... 10 to 12 ins.	.33	.30

### TWICE TRANSPLANTED — FIELD

This is heavy stock from open field rows. Will quickly develop into specimen stock.

	Each Per 100	Each Per 1000
Concolor Fir..... 10 to 12 ins.	\$0.35	
Keteleer Juniper..... 18 to 24 ins.	.95	
Pfitzer Juniper..... 12 to 15 ins.	.55	\$0.50
Pfitzer Juniper..... 15 to 18 ins.	.65	.60
Hillbush Juniper..... 12 to 15 ins.	.95	
Burk's Juniper..... 18 to 24 ins.	.95	
Canadert Juniper..... 18 to 24 ins.	.95	
Hillspire Juniper..... 18 to 24 ins.	.95	
Silver Cedar..... 18 to 24 ins.	.95	
Norway Spruce..... 12 to 18 ins.	.30	.27
Norway Spruce..... 18 to 24 ins.	.32	.29
White Spruce..... 12 to 18 ins.	.27	.24
Black Hill Spruce..... 12 to 18 ins.	.40	.37
Scotch Pine..... 10 to 12 ins.	.25	.22
Scotch Pine..... 12 to 18 ins.	.28	.25
Pyramidal Arborvitae..... 24 to 30 ins.	.65	.60

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